

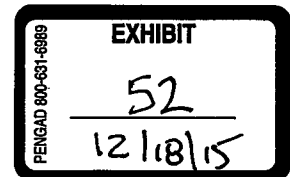
# **EXHIBIT 66**



## **Cisco IOS Master Command List, All Releases**

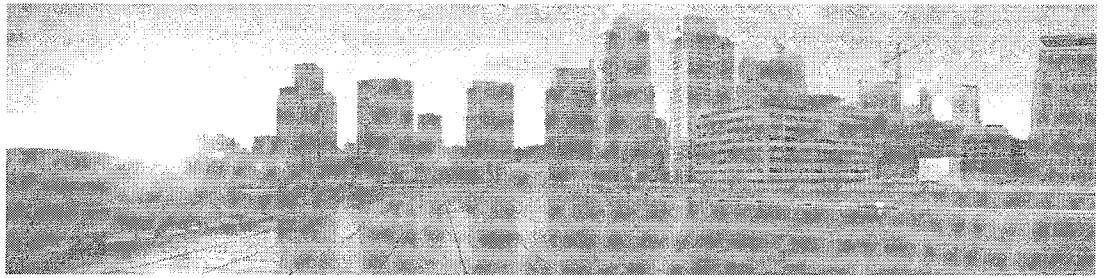
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show <command> include CF  
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show aal2 profile through show call filter match-list VR  
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show cable modem partial-service CBL  
show cable modem phy CBL  
show cable modem primary-channel CBL  
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show call-router routes VR  
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show configuration id CF  
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show controllers serial through show hw-module slot proc cpu IR  
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show controllers t1 call-counters DIA  
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show controllers token IR  
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show controllers vsi control-interface MP  
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show cops servers QOS  
show cot dsp DIA  
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show cot summary DIA  
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show crypto ca certificates SEC, CBL  
show crypto ca crls SEC  
show crypto ca roots SEC  
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show crypto call admission statistics SEC  
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show crypto identity SEC  
show crypto ikev2 stats SEC  
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show crypto ikev2 diagnose error SEC  
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show crypto pki crls SEC
show crypto pki server SEC
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show crypto pki server requests SEC
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```

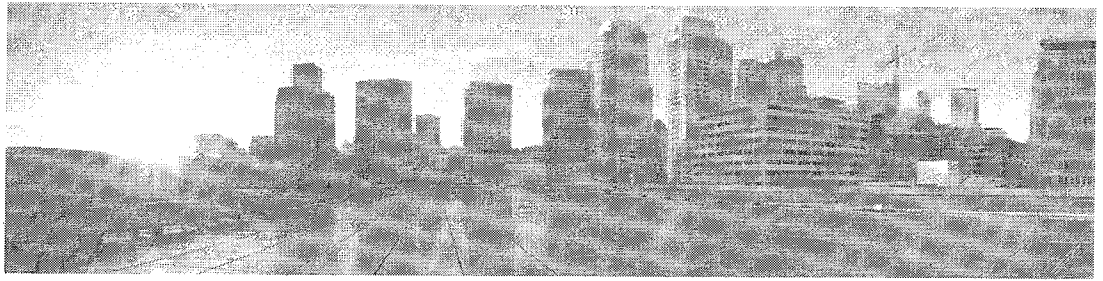
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show dialplan dialpeer VR  
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show dlsw fastcache IBM  
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show dspfarm VR  
show dspfarm profile VR  
show dspu IBM  
show dss log SEC  
show dtp interface IR  
show dwnld\_mgr ISG  
show dxi map ATM  
show dxi pvc ATM  
show dxi pvc interface ATM

sa ipsec through show dxi pvc interface



## show eap registrations through show mvr source ports

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## Finding IOS Command Information

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This document contains a list of the commands supported in many different software releases and on many different platforms. Some of the commands may not be supported in your Cisco IOS software release. To search for a command, use the alphabet key at the top part of this document and then scroll down until you find the command of interest, or use the Find function in your web browser. To access the documentation for a particular command, click the link to the command reference designator to the right of the command name. This list is intended to be used online only.

Alternatively, you may search for commands using the Command Lookup Tool (<https://tools.cisco.com/Support/CLILookup>), where you will be prompted to provide your Cisco.com username and password.

**Table 13: Command Reference Designators**

ANCP	Cisco IOS Access Node Control Protocol Command Reference
ATK	Cisco IOS AppleTalk Command Reference
AN	Cisco IOS Autonomic Networking Command Reference
ATM	Cisco IOS Asynchronous Transfer Mode Command Reference
BBA	Cisco IOS Broadband Access Aggregation and DSL Command Reference
BGP	Cisco IOS IP Routing: BGP Command Reference
BR	Cisco IOS Bridging Command Reference
CE	Cisco IOS Carrier Ethernet Command Reference



## Finding IOS Command Information

CF	Cisco IOS Configuration Fundamentals Command Reference
CSA	Cisco IOS Software Activation Command Reference
DB	Cisco IOS Debug Command Reference
DEC	Cisco IOS DECnet Command Reference
DIA	Cisco IOS Dial Technologies Command Reference
EIGRP	Cisco IOS IP Routing: EIGRP Command Reference
EM	Cisco IOS Embedded Menu Manager Command Reference
FHP	Cisco IOS First Hop Redundancy Protocols Command Reference
FNF	Cisco IOS Flexible NetFlow Command Reference
HA	Cisco IOS High Availability Command Reference
IAD	Cisco IOS IP Addressing Services Command Reference
IAP	Cisco IOS IP Application Services Command Reference
IBM	Cisco IOS IBM Networking Command Reference
IMC	Cisco IOS IP Multicast Command Reference
IMO	Cisco IOS IP Mobility Command Reference
IPv6	Cisco IOS IPv6 Command Reference
IPX	Cisco IOS Novell IPX Command Reference
IR	Cisco IOS Interface and Hardware Component Command Reference
IRI	Cisco IOS IP Routing: Protocol-Independent Command Reference
IRS	Cisco IOS IP Routing: ISIS Command Reference
ISG	Cisco IOS Intelligent Services Gateway Command Reference
ISO	Cisco IOS ISO CLNS Command Reference
ISW	Cisco IOS IP Switching Command Reference
LISP	Cisco IOS IP Routing: LISP Command Reference
LSW	Cisco IOS LAN Switching Command Reference
MM	Cisco IOS Media Monitoring Command Reference
MP	Cisco IOS Multiprotocol Label Switching Command Reference
MSP	Cisco IOS Media Services Proxy Command Reference
MTR	Cisco IOS Multi-Topology Routing Command Reference
MWG	Cisco IOS Mobile Wireless Gateway GPRS Support Node Command Reference
MWH	Cisco IOS Mobile Wireless Home Agent Command Reference
MWP	Cisco IOS Mobile Wireless Radio Access Networking Command Reference

MWR	Cisco IOS Mobile Wireless Radio Access Networking Command Reference
NF	Cisco IOS NetFlow Command Reference
NM	Cisco IOS Network Management Command Reference
ODR	Cisco IOS IP Routing: ODR Command Reference
OER	Cisco IOS Optimized Edge Routing Command Reference
OSPF	Cisco IOS IP Routing: OSPF Command Reference
PFR	Cisco IOS Performance Routing Command Reference
QOS	Cisco IOS Quality of Service Solutions Command Reference
RIP	Cisco IOS IP Routing: RIP Command Reference
SAF	Cisco IOS Service Advertisement Framework Command Reference
SBCD	Cisco Unified Border Element (SP Edition) Command Reference: Distributed Model
SBCU	Cisco Unified Border Element (SP Edition) Command Reference: Unified Model
SEC	Cisco IOS Security Command Reference
SLA	Cisco IOS IP SLAs Command Reference
SLB	Cisco IOS Server Load Balancing Command Reference
SM	Cisco IOS Software Modularity Command Reference
SSG	Cisco IOS Service Selection Gateway Command Reference
TSV	Cisco IOS Terminal Services Command Reference
VPD	Cisco IOS VPDN Command Reference
VR	Cisco IOS Voice Command Reference
VS	Cisco IOS Virtual Switch Command Reference
WAN	Cisco IOS Wide-Area Networking Command Reference
WL	Cisco IOS Wireless LAN Command Reference

## show eap registrations through show mvr source ports

### S

show eap registrations SEC  
show eap sessions SEC  
show echo-cancel VR  
show eigrp address-family accounting EIGRP, IPV6  
show eigrp address-family events EIGRP, IPV6  
show eigrp address-family interfaces EIGRP, IPV6  
show eigrp address-family neighbors EIGRP, IPV6  
show eigrp address-family timers EIGRP, IPV6  
show eigrp address-family topology EIGRP, IPV6  
show eigrp address-family traffic EIGRP, IPV6  
show eigrp plugins EIGRP, SAF  
show eigrp protocols EIGRP, SAF  
show eigrp service-family SAF  
show eigrp service-family external-client SAF  
show eigrp service-family ipv4 topology SAF  
show eigrp service-family ipv6 topology SAF  
show eigrp tech-support EIGRP, SAF  
show entry TSV  
show environment CF  
show environment alarm CF  
show environment connector CF  
show environment cooling CF  
show environment status CF  
show environment temperature CF  
show eobc IR  
show eou SEC  
show epm session SEC  
show erm statistics IPV6  
show errdisable detect CF, IR  
show errdisable flap-values LSW  
show errdisable recovery CF, IR  
show esmc IR

show etherchannel IR  
show etherchannel load-balancing IR  
show ethernet cfm domain CE  
show ethernet cfm errors CE  
show ethernet cfm maintenance-points local CE  
show ethernet cfm maintenance-points local through weight CE  
show ethernet cfm maintenance-points remote CE  
show ethernet cfm maintenance-points remote crosscheck CE  
show ethernet cfm maintenance-points remote detail CE  
show ethernet cfm mpdb CE  
show ethernet cfm pm CE  
show ethernet cfm smep CE  
show ethernet cfm statistics CE  
show ethernet cfm traceroute-cache CE  
show ethernet event microwave statistics CE  
show ethernet event microwave status CE  
show ethernet lmi CE  
show ethernet loopback CE  
show ethernet mac-tunnel engine slot CE  
show ethernet oam debug link-monitor CE  
show ethernet oam discovery CE  
show ethernet oam runtime CE  
show ethernet oam statistics CE  
show ethernet oam status CE  
show ethernet oam summary CE  
show ethernet ring g8032 brief CE  
show ethernet ring g8032 configuration CE  
show ethernet ring g8032 port status CE  
show ethernet ring g8032 profile CE  
show ethernet ring g8032 statistics CE  
show ethernet ring g8032 status CE  
show ethernet ring g8032 summary CE  
show ethernet ring g8032 trace CE  
show ethernet service dynamic CE  
show ethernet service evc WAN, CE  
show ethernet service instance WAN, CE

show ethernet service interface WAN, CE  
show ethernet service mac-tunnel CE  
show event manager detector EEM  
show event manager directory user EEM  
show event manager environment EEM  
show event manager history events EEM  
show event manager history traps EEM  
show event manager metric processes EEM  
show event manager policy active EEM  
show event manager policy available EEM  
show event manager policy pending EEM  
show event manager policy registered EEM  
show event manager scheduler EEM  
show event manager session cli username EEM  
show event manager statistics EEM  
show event manager version EEM  
show event-manager consumers VR  
show extended channel backup IBM  
show extended channel cmgr IBM  
show extended channel cmpe IBM  
show extended channel connection-map llc2 IBM  
show extended channel csna IBM  
show extended channel icmp-stack IBM  
show extended channel ip-stack IBM  
show extended channel lan IBM  
show extended channel llc2 IBM  
show extended channel max-llc2-sessions IBM  
show extended channel packing names IBM  
show extended channel packing stats IBM  
show extended channel statistics IBM  
show extended channel subchannel IBM  
show extended channel tcp-connections IBM  
show extended channel tcp-stack IBM  
show extended channel tg IBM  
show extended channel tn3270-server IBM  
show extended channel tn3270-server client-ip-address IBM

show extended channel tn3270-server client-name IBM  
show extended channel tn3270-server dlur IBM  
show extended channel tn3270-server dlurlink IBM  
show extended channel tn3270-server nailed-domain IBM  
show extended channel tn3270-server nailed-ip IBM  
show extended channel tn3270-server nailed-name IBM  
show extended channel tn3270-server pu IBM  
show extended channel tn3270-server pu lu IBM  
show extended channel tn3270-server response-time application IBM  
show extended channel tn3270-server response-time global IBM  
show extended channel tn3270-server response-time link IBM  
show extended channel tn3270-server response-time listen-point IBM  
show extended channel tn3270-server response-time subnet IBM  
show extended channel tn3270-server security IBM  
show extended channel udp-listeners IBM  
show extended channel udp-stack IBM  
show fabric IR  
show facility-alarm status CBL  
show fastblk CF  
show file descriptors CF  
show file information CF  
show file systems CF  
show firewall vlan-group SEC  
show flh-log CF  
show flow exporter FNF  
show flow interface FNF  
show flow monitor FNF  
show flow monitor cache aggregate FNF  
show flow monitor cache filter FNF  
show flow monitor cache sort FNF  
show flow monitor type mace WAN  
show flow record FNF  
show flow record type WAN, MM  
show flow-sampler NF  
show fm features IR  
show fm inband-counters IR

show eap registrations through show mvr source ports

show fm inspect CF  
show fm interface CF  
show fm ipv6 pbr all IPV6, IRI  
show fm ipv6 pbr interface IPV6, IRI  
show fm ipv6 traffic-filter IPV6  
show fm nat netflow data NF  
show fm netflow NF  
show fm private-hosts SEC  
show fm rguard IPV6, SEC  
show fm reflexive CF  
show fm slb counters SLB  
show fm summary CF  
show format XMLPI  
show fpm package-group SEC  
show fpm package-info SEC  
show frame-clocks CBL  
show frame-relay end-to-end keepalive WAN  
show frame-relay fragment WAN  
show frame-relay ip rtp header-compression QOS  
show frame-relay ip tcp header-compression QOS, WAN  
show frame-relay iphc WAN  
show frame-relay lapf WAN  
show frame-relay lmi WAN, IPV6  
show frame-relay map WAN, IPV6  
show frame-relay multilink WAN, IPV6  
show frame-relay pvc WAN, IPV6  
show frame-relay qos-autosense WAN  
show frame-relay route WAN  
show frame-relay svc maplist WAN  
show frame-relay traffic WAN  
show frame-relay vc-bundle WAN  
show frame-relay vofr VR  
show fras IBM  
show fras map IBM  
show fras-host IBM  
show funi CF

show eap registrations through show mvr source ports

show eap registrations through show mvr source ports

show gatekeeper calls VR  
show gatekeeper circuits VR  
show gatekeeper cluster VR  
show gatekeeper endpoint circuits VR  
show gatekeeper endpoints VR  
show gatekeeper gw-type-prefix VR  
show gatekeeper performance statistics VR  
show gatekeeper servers VR  
show gatekeeper status VR  
show gatekeeper status cluster VR  
show gatekeeper zone cluster VR  
show gatekeeper zone prefix VR  
show gatekeeper zone status VR  
show gateway VR  
show gateway through show modem relay statistics VR  
show ggsn csg MWG  
show ggsn quota-server MWG  
show glbp FHP, IPV6  
show gprs MWG  
show gprs access-point MWG  
show gprs access-point statistics MWG  
show gprs access-point throughput statistics MWG  
show gprs bandwidth-pool status MWG  
show gprs charging parameters MWG  
show gprs charging statistics MWG  
show gprs charging status MWG  
show gprs gtp ms MWG  
show gprs gtp parameters MWG  
show gprs gtp path MWG  
show gprs gtp path statistics history MWG  
show gprs gtp path statistics remote-address MWG  
show gprs gtp path throughput MWG  
show gprs gtp pdp-context MWG  
show gprs gtp statistics MWG  
show gprs gtp status MWG  
show gprs memory threshold statistics MWG



show eap registrations through show mvr source ports

show gprs ms-address exclude-range MWG  
show gprs pscf MWG  
show gprs plmn MWG  
show gprs plmn ip address MWG  
show gprs qos status MWG  
show gprs redundancy MWG  
show gprs service-aware statistics MWG  
show gprs service-mode MWG  
show gprs slb detail MWG  
show gprs slb mode MWG  
show gprs slb statistics MWG  
show gprs slb vservers MWG  
show gprs umts-qos map traffic-class MWG  
show gprs umts-qos police pdp-context tid MWG  
show gprs umts-qos profile pdp tid MWG  
show gsr CF  
show gsr through show monitor event trace CF  
show gt64010 (7200) CF  
show gtp IR  
show gvrp interface LSW  
show gvrp summary LSW  
show h323 calls preserved VR  
show h323 gateway VR  
show h323 gateway prefixes VR  
show hardware CF  
show hccp CBL  
show hccp channel-switch CBL  
show hccp group CBL  
show hccp interface CBL  
show hccp linecard CBL  
show health-monitor CF  
show history CF  
show history all CF  
show hosts IAD, CF  
show html CF  
show http client cache VR

show http client cookie VR  
show http client history VR  
show http client secure status VR  
show http client statistics VR  
show hub IR  
show hw-module all fpd IR  
show hw-module bay CBL  
show hw-module bay oir CBL  
show hw-module bay transceiver CBL  
show hw-module slot (6500) IR  
show hw-module slot align IR  
show hw-module slot fpd IR  
show hw-module slot logging IR  
show hw-module slot proc cpu IR  
show hw-module slot tech-support IR  
show hw-module slot tech-support through show interfaces vg-anylan IR  
show hw-module subslot IR  
show hw-module subslot fpd IR  
show hw-module subslot oir IR  
show hw-module subslot service-engine status IR  
show hw-module subslot transceiver IR  
show hw-programmable IR  
show icc IR  
show idb CF  
show identity policy CF  
show identity profile CF  
show idmgr SEC, ISG  
show idprom CF  
show ima interface atm ATM  
show interface bundle CBL  
show interface cable CBL  
show interface cable admission-control reservation CBL  
show interface cable cable-monitor CBL  
show interface cable downstream CBL  
show interface cable dsg downstream CBL  
show interface cable dsg downstream tg CBL

show interface cable dynamic-service statistics CBL  
show interface cable intercept CBL  
show interface cable mac-scheduler CBL  
show interface cable modem CBL  
show interface cable monitor CBL  
show interface cable multicast-sessions CBL  
show interface cable packetcable statistics CBL  
show interface cable privacy CBL  
show interface cable qos paramset CBL  
show interface cable service-flow CBL  
show interface cable sid CBL  
show interface cable signal-quality CBL  
show interface cable upstream CBL  
show interface cable upstream debug CBL  
show interface cbr ATM  
show interface dampening IRI  
show interface dspfarm VR  
show interface gigabitethernet CBL  
show interface history IR  
show interface integrated-cable CBL  
show interface integrated-cable queue CBL  
show interface mac IAP  
show interface modular-cable CBL  
show interface modular-cable accounting CBL  
show interface modular-cable description CBL  
show interface modular-cable dlm CBL  
show interface modular-cable downstream CBL  
show interface modular-cable intercept CBL  
show interface modular-cable multicast-sessions CBL  
show interface modular-cable stats CBL  
show interface modular-cable summary CBL  
show interface modular-cable switching CBL  
show interface monitor ISG  
show interface multicast-ger CBL  
show interface port-channel CBL  
show interface precedence IAP

show interface pseudowire MP  
show interface rf-status CBL  
show interface sbc SBCD  
show interface sdcc IR  
show interface stats ISW  
show interface tunnel configuration MP  
show interface virtual-access SEC  
show interface virtual-ethernet MP  
show interface wideband-cable CBL  
show interface wideband-cable multicast-sessions CBL  
show interface wideband-cable queue CBL  
show interface xtagatm MP  
show interfaces IR  
show interfaces accounting IR, IPV6  
show interfaces analysis-module IR  
show interfaces atm ATM  
show interfaces bdi IR  
show interfaces bri DIA  
show interfaces cable-modem CBL, VR  
show interfaces capabilities IR  
show interfaces cem IR  
show interfaces channel IBM  
show interfaces content-engine IR  
show interfaces counters nonzero IR  
show interfaces crb BR, IBM  
show interfaces ctunnel IR  
show interfaces debounce IR  
show interfaces description IR  
show interfaces ethernet IR  
show interfaces fair-queue QOS  
show interfaces fastethernet IR  
show interfaces fddi IR  
show interfaces flowcontrol IR  
show interfaces gigabitethernet IR  
show interfaces hssi IR  
show interfaces integrated-service-engine IR

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show interfaces irb BR, IBM  
show interfaces ism IR  
show interfaces lex IR  
show interfaces loopback IR  
show interfaces port-channel IR  
show interfaces port-channel etherchannel IR  
show interfaces pos IR  
show interfaces private-vlan mapping IR  
show interfaces random-detect QOS  
show interfaces rate-limit QOS  
show interfaces satellite IR  
show interfaces serial IR  
show interfaces serial bchannel DIA  
show interfaces sm IR  
show interfaces status IR  
show interfaces summary IR  
show interfaces switching ISW  
show interfaces switchport IR  
show interfaces switchport backup IR  
show interfaces tokenring IR  
show interfaces tokenring (IBM) BR, IBM  
show interfaces transceiver IR  
show interfaces trunk IR  
show interfaces tunnel IR  
show interfaces ucse IR  
show interfaces unidirectional IR  
show interfaces vg-anylan IR  
show interfaces virtual-access VPD, DIA  
show interfaces vlan mapping IR  
show interfaces vlan mapping through show scp IR  
show interfaces wlan-controller IR  
show inventory CF  
show ip access-lists SEC  
show ip accounting IAP  
show ip admission SEC  
show ip aliases IAD

show ip arp IAD  
show ip arp inspection IAD  
show ip arp inspection log IAD  
show ip arp poll IAD  
show ip arp vrf CBL  
show ip as-path-access-list BGP  
show ip audit configuration SEC  
show ip audit interface SEC  
show ip audit statistics SEC  
show ip auth-proxy SEC  
show ip auth-proxy watch-list SEC  
show ip bgp BGP, HA  
show ip bgp bmp BGP  
show ip bgp all dampening BGP  
show ip bgp cidr-only BGP  
show ip bgp cluster-ids BGP  
show ip bgp community BGP  
show ip bgp community-list BGP  
show ip bgp dampened-paths BGP  
show ip bgp dampening dampened-paths BGP  
show ip bgp dampening flap-statistics BGP  
show ip bgp dampening parameters BGP  
show ip bgp extcommunity-list BGP  
show ip bgp filter-list BGP  
show ip bgp flap-statistics BGP  
show ip bgp inconsistent-as BGP  
show ip bgp injected-paths BGP  
show ip bgp ipv4 BGP  
show ip bgp ipv4 multicast BGP  
show ip bgp ipv4 multicast summary BGP  
show ip bgp ipv6 multicast BGP  
show ip bgp ipv6 unicast BGP  
show ip bgp l2vpn BGP, MP  
show ip bgp labels MP, SEC  
show ip bgp neighbors BGP, MP, HA  
show ip bgp path-attribute discard BGP

show ip bgp path-attribute unknown BGP  
show ip bgp paths BGP  
show ip bgp peer-group BGP  
show ip bgp quote-regexp BGP  
show ip bgp regexp BGP  
show ip bgp replication BGP  
show ip bgp rib-failure BGP  
show ip bgp rpki servers BGP  
show ip bgp rpki table BGP  
show ip bgp rtfilter BGP  
show ip bgp summary BGP  
show ip bgp template peer-policy BGP  
show ip bgp template peer-session BGP  
show ip bgp topology MTR  
show ip bgp unicast route-server BGP  
show ip bgp update-group BGP  
show ip bgp vpnv4 BGP, MP, HA  
show ip bgp vpnv4 all dampening BGP  
show ip bgp vpnv4 all sso summary BGP, HA  
show ip bgp vpnv6 unicast all dampening BGP  
show ip cache ISW  
show ip cache flow NF  
show ip cache flow aggregation NF  
show ip cache policy IRI  
show ip cache verbose flow NF  
show ip cache verbose flow aggregation NF  
show ip casa affinities IAP  
show ip casa oper IAP  
show ip casa stats IAP  
show ip casa wildcard IAP  
show ip cef ISW  
show ip cef exact-route ISW  
show ip cef adjacency ISW  
show ip cef epoch ISW  
show ip cef events ISW  
show ip cef exact-route ISW

show eap registrations through show mvr source ports

show eap registrations through show mvr source ports

show ip cef inconsistency ISW  
show ip cef non-recursive ISW  
show ip cef platform ISW, IRI  
show ip cef summary ISW  
show ip cef switching statistics ISW  
show ip cef traffic prefix-length ISW  
show ip cef tree ISW  
show ip cef unresolved ISW  
show ip cef vlan ISW  
show ip cef vrf ISW  
show ip cef with epoch ISW  
show ip cef with source ISW  
show ip community-list BGP  
show ip ddns update IAD  
show ip ddns update method IAD  
show ip device tracking SEC  
show ip dfp SLB  
show ip dhcp binding IAD  
show ip dhcp conflict IAD  
show ip dhcp database IAD  
show ip dhcp import IAD  
show ip dhcp limit lease IAD  
show ip dhcp pool IAD  
show ip dhcp relay information trusted-sources IAD  
show ip dhcp server statistics IAD  
show ip dhcp snooping IAD  
show ip dhcp snooping binding IAD  
show ip dhcp snooping database IAD  
show ip dhcp vrf IAD  
show ip dns name-list IAD  
show ip dns primary IAD  
show ip dns statistics IAD  
show ip dns view IAD  
show ip dns view-list IAD  
show ip dvmp route IMC  
show ip dvmp route through show ip sdr IMC



show eap registrations through show mvr source ports

show ip eigrp accounting EIGRP  
show ip eigrp events EIGRP  
show ip eigrp interfaces EIGRP  
show ip eigrp neighbors EIGRP  
show ip eigrp topology EIGRP, MTR  
show ip eigrp traffic EIGRP  
show ip eigrp vrf accounting EIGRP  
show ip eigrp vrf interfaces EIGRP  
show ip eigrp vrf neighbors EIGRP  
show ip eigrp vrf topology EIGRP  
show ip eigrp vrf traffic EIGRP  
show ip explicit-paths MP  
show ip extcommunity-list BGP  
show ip flow export NF  
show ip flow top NF  
show ip flow top-talkers NF  
show ip helper-address IAP  
show ip host-list IAD  
show ip http client HTTPS  
show ip http client connection HTTPS  
show ip http client cookie HTTPS, BBA  
show ip http client history HTTPS  
show ip http client secure status HTTPS  
show ip http client session-module HTTPS  
show ip http help-path HTTPS  
show ip http server HTTPS  
show ip http server secure status HTTPS  
show ip icmp rate-limit IAP  
show ip igmp groups IMC  
show ip igmp interface IMC  
show ip igmp membership IMC  
show ip igmp snooping IMC  
show ip igmp snooping explicit-tracking IMC  
show ip igmp snooping filter IMC  
show ip igmp snooping mrouter IMC  
show ip igmp snooping rate-limit IMC

show ip igmp snooping statistics IMC  
show ip igmp ssm-mapping IMC  
show ip igmp static-group class-map IMC  
show ip igmp udlr IMC  
show ip inspect SEC  
show ip inspect ha SEC  
show ip interface IAD, SEC, IR  
show ip interface (MTR) MTR  
show ip interface brief CBL  
show ip interface unnumbered IAD  
show ip interface virtual-access DIA  
show ip ips SEC  
show ip ips auto-update SEC  
show ip ips category SEC  
show ip ips event-action-rules SEC  
show ip ips sig-clidelta SEC  
show ip ips signature-category SEC  
show ip irdp IAD  
show ip iscsi name MWG  
show ip iscsi session MWG  
show ip iscsi stats MWG  
show ip iscsi target MWG  
show ip lisp LISP  
show ip lisp database LISP  
show ip lisp forwarding LISP  
show ip lisp instance-id LISP  
show ip lisp locator-table LISP  
show ip lisp map-cache LISP  
show ip lisp route-import LISP  
show ip lisp statistics LISP  
show ip local policy IRI  
show ip local pool DIA  
show ip masks IAD  
show ip mcache IMC  
show ip mds forwarding ISW  
show ip mds forwarding through show monitor event-trace merged-list ISW

show eap registrations through show mvr source ports

show ip mds interface ISW  
show ip mds stats ISW  
show ip mds summary ISW  
show ip mfib IMC  
show ip mfib active IMC  
show ip mfib count IMC  
show ip mfib interface IMC  
show ip mfib route IMC  
show ip mfib status IMC  
show ip mfib summary IMC  
show ip mobile aaa requests host IMO  
show ip mobile binding IMO, MWH  
show ip mobile cdma ipsec MWP  
show ip mobile cdma ipsec profile MWP  
show ip mobile globals IMO, MWH  
show ip mobile host IMO, MWH  
show ip mobile interface IMO  
show ip mobile mobile-networks IMO  
show ip mobile proxy IMO, MWP  
show ip mobile router IMO  
show ip mobile router agent IMO  
show ip mobile router interface IMO  
show ip mobile router registration IMO  
show ip mobile router traffic IMO  
show ip mobile secure IMO, MWH, MWP  
show ip mobile traffic IMO, MWH, MWP  
show ip mobile tunnel IMO, MWH  
show ip mobile violation IMO, MWH, MWP  
show ip mobile visitor IMO, MWP  
show ip mobile vpn-realm IMO  
show ip mpacket IMC  
show ip mr proxy IMC  
show ip mrrib client IMC  
show ip mrrib route IMC  
show ip mrrib route summary IMC  
show ip mrm interface IMC

show ip mrm manager IMC  
show ip mrm status-report IMC  
show ip mroute IMC  
show ip msdp count IMC  
show ip msdp peer IMC  
show ip msdp rpf-peer IMC  
show ip msdp sa-cache IMC  
show ip msdp summary IMC  
show ip multicast IMC  
show ip multicast interface IMC  
show ip multicast mpls vif MP  
show ip multicast redundancy state IMC  
show ip multicast redundancy statistics IMC  
show ip multicast rpf tracked IMC  
show ip multicast topology IMC  
show ip nat limits all-host IAD  
show ip nat limits all-vrf IAD  
show ip nat nvi statistics IAD  
show ip nat nvi translations IAD  
show ip nat redundancy IAD  
show ip nat statistics IAD  
show ip nat translations IAD  
show ip nat translations redundancy IAD  
show ip nat translations rsvp QOS  
show ip nbar attribute QOS  
show ip nbar link-age QOS  
show ip nbar pdlm QOS  
show ip nbar port-map QOS  
show ip nbar protocol activated QOS  
show ip nbar protocol-attribute QOS  
show ip nbar protocol-discovery QOS  
show ip nbar protocol-id QOS  
show ip nbar protocol-pack QOS  
show ip nbar resources flow QOS  
show ip nbar statistics QOS  
show ip nbar trace QOS

show eap registrations through show mvr source ports

```
show ip nbar unclassified-port-stats QOS
show ip nbar version QOS
show ip nhrp IAD
show ip nhrp group-map IAD
show ip nhrp multicast IAD
show ip nhrp nhs IAD, SEC
show ip nhrp summary IAD
show ip nhrp traffic IAD
show ip ospf OSPF
show ip ospf border-routers OSPF
show ip ospf database OSPF
show ip ospf database opaque-area MP
show ip ospf events OSPF
show ip ospf fast-reroute OSPF
show ip ospf flood-list OSPF
show ip ospf interface OSPF, MTR
show ip ospf max-metric OSPF
show ip ospf mpls ldp interface MP
show ip ospf mpls traffic-eng MP
show ip ospf multi-area OSPF
show ip ospf neighbor OSPF
show ip ospf nsf OSPF, HA
show ip ospf nsr OSPF
show ip ospf request-list OSPF
show ip ospf retransmission-list OSPF
show ip ospf rib OSPF
show ip ospf sham-links OSPF
show ip ospf statistics OSPF
show ip ospf summary-address OSPF
show ip ospf timers rate-limit OSPF
show ip ospf topology-info MTR
show ip ospf traffic OSPF
show ip ospf virtual-links OSPF
show ip pgm host defaults IMC
show ip pgm host sessions IMC
show ip pgm host traffic IMC
```

show eap registrations through show mvr source ports

show eap registrations through show mvr source ports

show ip pgm router IMC  
show ip pim boundary IMC  
show ip pim bsr-router IMC  
show ip pim interface IMC  
show ip pim mdt bgp IMC  
show ip pim mdt history IMC  
show ip pim mdt receive IMC  
show ip pim mdt send IMC  
show ip pim neighbor IMC  
show ip pim rp IMC  
show ip pim rp mapping IMC  
show ip pim rp-hash IMC  
show ip pim rp-hash (BSR) IMC  
show ip pim snooping IMC  
show ip pim tunnel IMC  
show ip pim vc IMC  
show ip policy IRI  
show ip policy-list BGP  
show ip port-map SEC  
show ip portbundle ip ISG  
show ip portbundle status ISG  
show ip prefix-list BGP  
show ip protocols IRI  
show ip protocols topology MTR  
show ip protocols vrf MP  
show ip redirects IAP  
show ip rip database RIP  
show ip rip neighbors RIP  
show ip route BGP, IRI, MP  
show ip route dhcp IAD  
show ip route loops IRI  
show ip route multicast MTR  
show ip route profile IRI  
show ip route summary IRI  
show ip route supernets-only IRI  
show ip route tag EIGRP, IRI

show eap registrations through show mvr source ports

show ip route topology MTR  
show ip route track-table IRI  
show ip route vrf BGP, IRI, MP, MWH  
show ip rpf IMC  
show ip rpf events IMC  
show ip rpf select IMC  
show ip rsvp QOS  
show ip rsvp aggregation ip QOS  
show ip rsvp aggregation ip endpoints QOS  
show ip rsvp atm-peak-rate-limit QOS  
show ip rsvp authentication QOS  
show ip rsvp counters QOS  
show ip rsvp counters state teardown QOS  
show ip rsvp fast bw-protect MP, QOS  
show ip rsvp fast detail MP, QOS  
show ip rsvp fast-reroute QOS  
show ip rsvp fast-reroute bw-protect QOS  
show ip rsvp fast-reroute detail QOS  
show ip rsvp hello MP, QOS  
show ip rsvp hello bfd nbr MP  
show ip rsvp hello bfd nbr detail MP  
show ip rsvp hello bfd nbr summary MP  
show ip rsvp hello client lsp detail QOS  
show ip rsvp hello client lsp summary QOS  
show ip rsvp hello client lsp summary through show lane qos database QOS  
show ip rsvp hello client nbr detail QOS  
show ip rsvp hello client neighbor detail QOS  
show ip rsvp hello client neighbor summary QOS  
show ip rsvp hello graceful-restart QOS  
show ip rsvp hello instance detail MP, QOS  
show ip rsvp hello instance summary MP, QOS  
show ip rsvp hello statistics MP, QOS  
show ip rsvp high-availability counters QOS, HA  
show ip rsvp high-availability database MP, QOS  
show ip rsvp high-availability summary QOS  
show ip rsvp host MP, QOS

```
show ip rsvp host vrf QOS
show ip rsvp ingress QOS
show ip rsvp installed QOS
show ip rsvp interface QOS
show ip rsvp interface detail MP, QOS, HA
show ip rsvp listeners QOS
show ip rsvp neighbor QOS
show ip rsvp p2mp counters QOS
show ip rsvp policy QOS
show ip rsvp policy cops QOS
show ip rsvp policy identity QOS
show ip rsvp policy local QOS
show ip rsvp policy vrf QOS
show ip rsvp precedence QOS
show ip rsvp request QOS
show ip rsvp reservation QOS
show ip rsvp sbm QOS
show ip rsvp sender QOS
show ip rsvp signalling QOS
show ip rsvp signalling blockade QOS
show ip rsvp signalling fast-local-repair QOS
show ip rsvp signalling rate-limit QOS
show ip rsvp signalling refresh QOS
show ip rsvp snooping QOS
show ip rsvp tos QOS
show ip rsvp transport QOS
show ip rsvp transport sender QOS
show ip rtp header-compression QOS
show ip rtp header-compression (mobile wireless) MWR
show ip sap IMC
show ip sctp association list IAP
show ip sctp association parameters IAP
show ip sctp association statistics IAP
show ip sctp errors IAP
show ip sctp instances IAP
show ip sctp statistics IAP
```



show ip sdee SEC  
show ip sdr IMC  
show ip sla application SLA  
show ip sla authentication SLA  
show ip sla auto discovery SLA  
show ip sla auto endpoint-list SLA  
show ip sla auto group SLA  
show ip sla auto schedule SLA  
show ip sla auto summary-statistics SLA  
show ip sla auto template SLA  
show ip sla configuration SLA  
show ip sla endpoint-list SLA  
show ip sla enhanced-history collection-statistics SLA  
show ip sla enhanced-history distribution-statistics SLA  
show ip sla ethernet-monitor configuration SLA  
show ip sla event-publisher SLA  
show ip sla group schedule SLA  
show ip sla history SLA  
show ip sla history interval SLA  
show ip sla monitor application SLA  
show ip sla monitor authentication SLA  
show ip sla monitor collection-statistics SLA  
show ip sla monitor configuration SLA  
show ip sla monitor distributions-statistics SLA  
show ip sla monitor enhanced-history collection-statistics SLA  
show ip sla monitor enhanced-history distribution-statistics SLA  
show ip sla monitor group schedule SLA  
show ip sla monitor history SLA  
show ip sla monitor mpls-lsp-monitor collection-statistics SLA  
show ip sla monitor mpls-lsp-monitor configuration SLA  
show ip sla monitor mpls-lsp-monitor lpd operational-state SLA  
show ip sla monitor mpls-lsp-monitor neighbors SLA  
show ip sla monitor mpls-lsp-monitor scan-queue SLA  
show ip sla monitor mpls-lsp-monitor summary SLA  
show ip sla monitor reaction-configuration SLA  
show ip sla monitor reaction-trigger SLA

show eap registrations through show mvr source ports

show eap registrations through show mvr source ports

show ip sla monitor responder SLA  
show ip sla monitor statistics SLA  
show ip sla monitor statistics aggregated SLA  
show ip sla monitor totals-statistics SLA  
show ip sla mpls-lsp-monitor collection-statistics SLA  
show ip sla mpls-lsp-monitor configuration SLA  
show ip sla mpls-lsp-monitor lpd operational-state SLA  
show ip sla mpls-lsp-monitor neighbors SLA  
show ip sla mpls-lsp-monitor scan-queue SLA  
show ip sla mpls-lsp-monitor summary SLA  
show ip sla profile video SLA  
show ip sla reaction-configuration SLA  
show ip sla reaction-trigger SLA  
show ip sla responder SLA  
show ip sla statistics SLA  
show ip sla statistics aggregated SLA  
show ip sla summary SLA  
show ip sla twamp connection SLA  
show ip sla twamp session SLA  
show ip sla twamp standards SLA  
show ip slb conns SLB  
show ip slb dfp SLB  
show ip slb firewallfarm SLB  
show ip slb fragments SLB  
show ip slb gtp SLB  
show ip slb map SLB  
show ip slb natpool SLB  
show ip slb probe SLB  
show ip slb reals SLB  
show ip slb replicate SLB  
show ip slb serverfarms SLB  
show ip slb sessions SLB  
show ip slb static SLB  
show ip slb stats SLB  
show ip slb sticky SLB  
show ip slb vservers SLB

show ip slb wildcard SLB  
show ip snat IAD  
show ip sockets IAP, IPV6  
show ip sockets through show sockets IAP  
show ip source binding IAD  
show ip source-track SEC  
show ip source-track export flows SEC  
show ip ssh SEC  
show ip static route IRI, MTR  
show ip static route bfd IRI, MTR  
show ip static route summary MTR  
show ip subscriber ISG  
show ip tcp header-compression IAP, QOS  
show ip through show rtr SLA  
show ip traffic IAP, ISW  
show ip traffic (MTR) MTR  
show ip traffic-engineering MP  
show ip traffic-engineering configuration MP  
show ip traffic-engineering routes MP  
show ip traffic-engineering routes through show mpls memory MP  
show ip traffic-export SEC  
show ip trigger-authentication SEC  
show ip trm config SEC  
show ip trm subscription status SEC  
show ip urlfilter SEC  
show ip urlfilter cache SEC  
show ip urlfilter config SEC  
show ip verify source IAD  
show ip virtual-reassembly SEC  
show ip vrf MP, QOS  
show ip wccp IAP  
show ip wccp global counters IAP  
show ip wccp web-caches IAP  
show ipc IR  
show ipc hog-info IR  
show ipc setp MWP

show ipdr collector CBL  
show ipdr exporter CBL  
show ipdr session CBL  
show ipdr session collector CBL  
show ipdr session template CBL  
show iphc-profile QOS  
show ipv6 access-list IPV6, SEC  
show ipv6 cef IPV6  
show ipv6 cef adjacency IPV6  
show ipv6 cef events IPV6  
show ipv6 cef exact-route IPV6  
show ipv6 cef neighbor discovery throttling IPV6  
show ipv6 cef non-recursive IPV6  
show ipv6 cef platform IPV6  
show ipv6 cef summary IPV6  
show ipv6 cef switching statistics IPV6  
show ipv6 cef traffic prefix-length IPV6  
show ipv6 cef tree IPV6  
show ipv6 cef unresolved IPV6  
show ipv6 cef vrf IPV6, MP  
show ipv6 cef with epoch ISW, IPV6  
show ipv6 cef with source ISW, IPV6  
show ipv6 cga address-db IPV6, SEC  
show ipv6 cga modifier-db IPV6, SEC  
show ipv6 destination-guard policy IPV6  
show ipv6 dhcp IAD, IPV6  
show ipv6 dhcp binding IAD, IPV6  
show ipv6 dhcp conflict IAD, IPV6  
show ipv6 dhcp database IAD, IPV6  
show ipv6 dhcp guard policy IAD, IPV6  
show ipv6 dhcp interface IAD, IPV6  
show ipv6 dhcp pool IAD, IPV6  
show ipv6 dhcp relay binding IAD, IPV6  
show ipv6 dhcp route IAD  
show ipv6 dhcp-ldra IAD  
show ipv6 eigrp events IPV6, EIGRP

show eap registrations through show mvr source ports

show ipv6 eigrp interfaces IPV6, EIGRP  
show ipv6 eigrp neighbors IPV6, EIGRP  
show ipv6 eigrp topology IPV6, EIGRP  
show ipv6 eigrp traffic IPV6, EIGRP  
show ipv6 flow cache aggregation IPV6  
show ipv6 flow export IPV6  
show ipv6 general-prefix IPV6  
show ipv6 inspect IPV6, SEC  
show ipv6 interface IPV6  
show ipv6 lisp LISP  
show ipv6 lisp database LISP  
show ipv6 lisp forwarding LISP  
show ipv6 lisp instance-id LISP  
show ipv6 lisp locator-table LISP  
show ipv6 lisp map-cache LISP  
show ipv6 lisp route-import LISP  
show ipv6 lisp statistics LISP  
show ipv6 local pool IPV6  
show ipv6 mfib IPV6, IMC  
show ipv6 mfib active IPV6, IMC  
show ipv6 mfib count IPV6, IMC  
show ipv6 mfib global IPV6, IMC  
show ipv6 mfib instance IPV6, IMC  
show ipv6 mfib interface IPV6, IMC  
show ipv6 mfib route IPV6, IMC  
show ipv6 mfib status IPV6, IMC  
show ipv6 mfib summary IPV6, IMC  
show ipv6 mld groups IPV6, IMC  
show ipv6 mld groups summary IPV6, IMC  
show ipv6 mld host-proxy IPV6, IMC  
show ipv6 mld interface IPV6, IMC  
show ipv6 mld snooping IPV6, IMC  
show ipv6 mld ssm-map IPV6, IMC  
show ipv6 mld traffic IPV6, IMC  
show ipv6 mobile binding IPV6  
show ipv6 mobile globals IPV6

```
show ipv6 mobile home-agents IPV6
show ipv6 mobile host groups IPV6
show ipv6 mobile pmipv6 lma binding IMO
show ipv6 mobile pmipv6 lma globals IMO
show ipv6 mobile pmipv6 lma stats IMO
show ipv6 mobile pmipv6 lma tunnel IMO
show ipv6 mobile pmipv6 mag binding IMO
show ipv6 mobile pmipv6 mag globals IMO
show ipv6 mobile pmipv6 mag stats IMO
show ipv6 mobile router IPV6
show ipv6 mobile traffic IPV6
show ipv6 mobile tunnels IPV6
show ipv6 mrib client IPV6, IMC
show ipv6 mrib route IPV6, IMC
show ipv6 mroute IPV6, IMC
show ipv6 mroute active IPV6, IMC
show ipv6 mtu IPV6
show ipv6 nat statistics IAD, IPV6
show ipv6 nat translations IAD, IPV6
show ipv6 nd destination IPV6
show ipv6 nd on-link prefix IPV6
show ipv6 nd ra session ISG
show ipv6 nd rguard counters IPV6, SEC
show ipv6 nd rguard policy IPV6, SEC
show ipv6 nd secured certificates IPV6, SEC
show ipv6 nd secured counters interface IPV6, SEC
show ipv6 nd secured nonce-db IPV6, SEC
show ipv6 nd secured solicit-db IPV6, SEC
show ipv6 nd secured timestamp-db IPV6, SEC
show ipv6 neighbor binding IPV6
show ipv6 neighbors IPV6
show ipv6 nhrp IPV6
show ipv6 nhrp multicast IPV6
show ipv6 nhrp nhs IPV6
show ipv6 nhrp summary IPV6
show ipv6 nhrp traffic IPV6
```

show eap registrations through show mvr source ports

show ipv6 ospf IPV6, OSPF, IMO  
show ipv6 ospf border-routers IPV6  
show ipv6 ospf database IPV6  
show ipv6 ospf event IPV6  
show ipv6 ospf flood-list IPV6  
show ipv6 ospf graceful-restart IPV6  
show ipv6 ospf interface IPV6, IR, IMO  
show ipv6 ospf neighbor IPV6  
show ipv6 ospf request-list IPV6  
show ipv6 ospf retransmission-list IPV6  
show ipv6 ospf statistics IPV6  
show ipv6 ospf summary-prefix IPV6  
show ipv6 ospf timers rate-limit IPV6  
show ipv6 ospf traffic IPV6, OSPF  
show ipv6 ospf virtual-links IPV6  
show ipv6 pim bsr IPV6, IMC  
show ipv6 pim df IPV6, IMC  
show ipv6 pim df winner IPV6, IMC  
show ipv6 pim group-map IPV6, IMC  
show ipv6 pim interface IPV6, IMC  
show ipv6 pim join-prune statistic IPV6, IMC  
show ipv6 pim limit IPV6, IMC  
show ipv6 pim neighbor IPV6, IMC  
show ipv6 pim range-list IPV6, IMC  
show ipv6 pim topology IPV6, IMC  
show ipv6 pim traffic IPV6, IMC  
show ipv6 pim tunnel IPV6, IMC  
show ipv6 policy IPV6, IRI  
show ipv6 port-map IPV6, SEC  
show ipv6 prefix-list IPV6, SEC  
show ipv6 protocols IPV6  
show ipv6 rip IPV6  
show ipv6 route IPV6, IRI  
show ipv6 route shortcut IPV6, IRI  
show ipv6 route summary IPV6, IRI  
show ipv6 route tag EIGRP, IRI

show eap registrations through show mvr source ports

show eap registrations through show mvr source ports

show ipv6 route vrf IPV6, IRI, MP  
show ipv6 routers IPV6  
show ipv6 rpf IPV6, IMC  
show ipv6 snooping capture-policy IPV6, SEC  
show ipv6 snooping counters IPV6, SEC  
show ipv6 snooping features IPV6, SEC  
show ipv6 snooping policies IPV6, SEC  
show ipv6 source-guard policy IPV6  
show ipv6 spd IPV6, SEC  
show ipv6 static IPV6  
show ipv6 through udp-port IMC  
show ipv6 traffic IPV6  
show ipv6 tunnel IPV6  
show ipv6 virtual-reassembly IPV6, SEC  
show ipv6 virtual-reassembly features IPV6, SEC  
show ipv6 wccp IPV6  
show ipv6 wccp global counters IPV6  
show ipx access-list IPX  
show ipx accounting IPX  
show ipx cache IPX  
show ipx compression DIA  
show ipx eigrp interfaces IPX  
show ipx eigrp neighbors IPX  
show ipx eigrp topology IPX  
show ipx eigrp traffic IPX  
show ipx interface IPX  
show ipx nasi connections IPX  
show ipx nhrp IPX  
show ipx nhrp traffic IPX  
show ipx nlsp database IPX  
show ipx nlsp neighbors IPX  
show ipx nlsp spf-log IPX  
show ipx route IPX  
show ipx servers IPX  
show ipx spx-protocol DIA  
show ipx spx-spoof IPX



show ipx traffic IPX  
show isdn DIA  
show isdn nfas group DIA  
show isis database IRS, IPV6  
show isis database verbose IRS, MP  
show isis fast-reroute IRS, IRI  
show isis hostname IRS  
show isis ip rib IRS  
show isis ipv6 rib IPV6  
show isis lsp-log IRS  
show isis mpls ldp MP  
show isis mpls traffic-eng adjacency-log MP  
show isis mpls traffic-eng advertisements MP  
show isis mpls traffic-eng downstream-tree MP  
show isis mpls traffic-eng tunnel MP  
show isis neighbors IRS, MTR  
show isis nsf IRS, HA  
show isis rib IRS  
show isis rib redistribution IRS  
show isis route ISO  
show isis spf-log IRS, IPV6  
show isis topology IRS, IPV6  
show issu HA  
show issu clients MP, HA  
show issu comp-matrix HA  
show issu entities MP, HA  
show issu message types MP, HA  
show issu negotiated MP, HA  
show issu outage HA  
show issu patch HA  
show issu platform img-dnld HA  
show issu rollback timer HA  
show issu sessions MP, HA  
show issu state HA  
show iua as VR  
show iua asp VR

show kerberos creds SEC  
show key chain IRI, IPV6  
show keymap TSV  
show kron schedule CNS  
show l2cac WAN  
show l2fib WAN  
show l2protocol-tunnel IR  
show l2tp class VPD  
show l2tp counters VPD  
show l2tp memory VPD  
show l2tp redundancy VPD  
show l2tp session VPD, IPV6  
show l2tp tunnel VPD, IPV6  
show l2tun WAN  
show l2tun counters tunnel l2tp WAN  
show l2tun session WAN, IPV6  
show l2tun tunnel WAN  
show l2vpn atom binding MP  
show l2vpn atom checkpoint MP  
show l2vpn atom hw-capability MP  
show l2vpn atom memory MP  
show l2vpn atom pwid MP  
show l2vpn atom static-oam MP  
show l2vpn atom summary MP  
show l2vpn atom vc MP  
show l2vpn pwmib MP  
show l2vpn rib MP  
show l2vpn service MP  
show l2vpn signaling rib MP  
show l2vpn vfi MP  
show l3-mgr IR  
show l3vpn encapsulation ip IR  
show l4f WAN  
show lacp IR, CE  
show lane ATM  
show lane bus ATM

show eap registrations through show mvr source ports

show lane bus through vc-class atm ATM  
show lane client ATM  
show lane config ATM  
show lane database ATM  
show lane default-atm-addresses ATM  
show lane le-arp ATM  
show lane neighbor ATM  
show lane qos database QOS  
show lane server ATM  
show lat advertised TSV  
show lat groups TSV  
show lat nodes TSV  
show lat services TSV  
show lat sessions TSV  
show lat traffic TSV  
show ldap attributes SEC  
show ldap server SEC  
show license CSA  
show license call-home CSA  
show license right-to-use CSA  
show license statistics CSA  
show license through snmp-server host CSA  
show line TSV  
show line async-queue DIA  
show line autodetect TSV  
show line x121-address WAN  
show link state group IR  
show lisp LISP  
show lisp ddt LISP  
show lisp locator-table LISP  
show lisp site LISP  
show llc2 IBM  
show lldp CE  
show lnm bridge BR, IBM  
show lnm config BR, IBM  
show lnm interface BR, IBM

show lnm ring BR, IBM  
show lnm station BR, IBM  
show local-ack IBM  
show location CF  
show logging CF  
show logging count CF  
show logging history CF  
show logging ip access-list IAD, SEC  
show logging persistent ESM  
show logging system CF  
show logging xml CF  
show login SEC  
show mab SEC  
show mac access-group interface SEC  
show mac-address-table SEC, LSW  
show mac-address-table aging-time LSW  
show mac-address-table dynamic IR, LSW  
show mac-address-table learning LSW  
show mac-address-table static LSW  
show mace metrics WAN  
show management event SNMP  
show management expression SNMP  
show management-interface SEC  
show mcsa statistics IMO  
show mdf EMM  
show mdns cache IAD, WAN  
show mdns requests IAD, WAN  
show mdns statistics IAD, WAN  
show mdr download image HA  
show media resource status VR  
show mediacard VR  
show mediatrace flow-specifier MM  
show mediatrace initiator MM  
show mediatrace path-specifier MM  
show mediatrace profile perf-monitor MM  
show mediatrace profile system MM

show eap registrations through show mvr source ports

show mediatrace responder app-health MM  
show mediatrace responder sessions MM  
show mediatrace session MM  
show mediatrace session-params MM  
show memory CF  
show memory allocating-process CF  
show memory dead CF  
show memory debug incremental DB, CF  
show memory debug leaks DB, CF  
show memory debug references DB, CF  
show memory debug unused DB, CF  
show memory detailed CF  
show memory ecc CF  
show memory events CF  
show memory failures alloc CF  
show memory fast CF  
show memory fragment CF  
show memory lite-chunks CF  
show memory multibus CF  
show memory pci CF  
show memory processor CF  
show memory scan CF  
show memory statistics history CF  
show memory traceback CF  
show memory transient CF  
show metadata MD  
show metadata application table QOS, MD  
show metadata flow QOS, MD  
show mgcp VR  
show mgcp connection VR  
show mgcp endpoint VR  
show mgcp nas VR  
show mgcp profile VR  
show mgcp srtp VR  
show mgcp statistics VR  
show microcode CF

show mlrib common log WAN  
show mlrib layer2 log WAN  
show mls acl inconsistency SEC  
show mls asic IR  
show mls cef ISW  
show mls cef adjacency ISW  
show mls cef exact-route ISW  
show mls cef exception ISW  
show mls cef hardware ISW  
show mls cef inconsistency ISW  
show mls cef ip ISW  
show mls cef ip multicast ISW  
show mls cef ipv6 ISW, IPV6  
show mls cef ipx ISW  
show mls cef logging ISW  
show mls cef lookup ISW  
show mls cef mac ISW  
show mls cef maximum-routes ISW  
show mls cef mpls ISW  
show mls cef mpls exact-route MP  
show mls cef rpf ISW  
show mls cef statistics ISW  
show mls cef summary ISW  
show mls cef vrf ISW  
show mls df-table LSW  
show mls ip IR  
show mls ip cef rpf-table ISW  
show mls ip multicast IMC  
show mls ip multicast bidir IMC  
show mls ip multicast rp-mapping IMC  
show mls ip multicast sso IMC  
show mls ip non-static ISW, NF  
show mls ip routes ISW, NF  
show mls ip static ISW, NF  
show mls ip statistics ISW  
show mls ipx IR

show eap registrations through show mvr source ports

show mls masks LSW  
show mls nde NF  
show mls netflow NF  
show mls netflow ip NF  
show mls netflow ip dynamic NF  
show mls netflow ip routes NF  
show mls netflow ip sw-installed NF  
show mls netflow ipv6 NF, IPV6  
show mls netflow ipx NF  
show mls qos QOS  
show mls qos aggregate policer QOS  
show mls qos free-agram QOS  
show mls qos interface QOS  
show mls qos maps QOS  
show mls qos mpls QOS  
show mls qos protocol QOS  
show mls qos queuing interface QOS  
show mls qos statistics-export info QOS  
show mls qos through wrr-queue threshold QOS  
show mls rate-limit SEC  
show mls rp LSW  
show mls rp interface LSW  
show mls rp ip multicast LSW  
show mls rp ipx LSW  
show mls rp vtp-domain LSW  
show mls sampling NF  
show mls statistics CF  
show mls table-contention ISW  
show mmls igmp explicit-tracking LSW  
show mmls msc LSW  
show mobility IR  
show modem DIA  
show modem at-mode DIA  
show modem bundled-firmware DIA  
show modem call-stats DIA  
show modem calltracker DIA

show modem configuration DIA  
show modem configuration (pvdm2) DIA  
show modem connect-speeds DIA  
show modem cookie DIA  
show modem csm DIA  
show modem log DIA  
show modem log (pvdm2) DIA  
show modem mapping DIA  
show modem mica DIA  
show modem operational-status DIA  
show modem operational-status (pvdm2) DIA  
show modem relay statistics VR  
show modem summary DIA  
show modem test DIA  
show modem version DIA  
show modem version (pvdm2) DIA  
show modem-pool DIA  
show modemcap DIA  
show module CF, IR  
show monitor capture EPC  
show monitor event-trace ISW, IRI, CF  
show monitor event-trace adjacency ISW  
show monitor event-trace cef ISW  
show monitor event-trace cef events ISW  
show monitor event-trace cef interface ISW  
show monitor event-trace cef ipv4 ISW  
show monitor event-trace cef ipv6 ISW, IPV6  
show monitor event-trace continuous ISW  
show monitor event-trace cpu-report ISW  
show monitor event-trace dmvpn SEC  
show monitor event-trace gdoi SEC, CF  
show monitor event-trace hw-api ISW  
show monitor event-trace merged-list ISW  
show monitor event-trace sbc HA  
show monitor event-trace sbc ha SBCD  
show monitor event-trace vpn-mapper IPV6



show monitor permit list through show process memory CF

show monitor permit-list CF

show monitor session CF

show mpf cpu BBA

show mpf interface BBA

show mpf ip exact-route BBA

show mpf punt BBA

show mpls atm-ldp bindings MP

show mpls atm-ldp bindwait MP

show mpls atm-ldp capability MP

show mpls atm-ldp summary MP

show mpls cos-map MP

show mpls discovery vpn SLA

show mpls flow mappings MP

show mpls forwarding vrf MP

show mpls forwarding-table MP, IPV6

show mpls forwarding-table exact-route MP

show mpls infra lfd block-database MP

show mpls interfaces MP

show mpls ip binding MP

show mpls ip iprm counters MP, HA

show mpls ip iprm ldm MP, HA

show mpls ip iprm statistics MP

show mpls l2 vc detail MP

show mpls l2transport binding MP

show mpls l2transport checkpoint MP, WAN

show mpls l2transport hw-capability MP

show mpls l2transport static-oam MP

show mpls l2transport summary MP

show mpls l2transport vc MP

show mpls label range MP

show mpls ldp backoff MP

show mpls ldp bindings MP

show mpls ldp capabilities MP

show mpls ldp checkpoint MP

show mpls ldp discovery MP

show mpls ldp graceful-restart MP  
show mpls ldp igp sync MP  
show mpls ldp neighbor MP  
show mpls ldp neighbor password MP  
show mpls ldp nsr MP  
show mpls ldp parameters MP  
show mpls memory MP  
show mpls mldp bindings IMC  
show mpls mldp count IMC  
show mpls mldp database IMC  
show mpls mldp filter IMC  
show mpls mldp ha count IMC  
show mpls mldp ha database IMC  
show mpls mldp ha neighbors IMC  
show mpls mldp ha root IMC  
show mpls mldp interface IMC  
show mpls mldp label release IMC  
show mpls mldp neighbors IMC  
show mpls mldp root IMC  
show mpls oam echo statistics MP  
show mpls oam echo statistics through switching tlv MP  
show mpls platform MP  
show mpls prefix-map MP  
show mpls static binding MP  
show mpls static crossconnect MP  
show mpls tp link-management admission-control failures MP  
show mpls traffic tunnel backup MP  
show mpls traffic-eng auto-tunnel backup MP  
show mpls traffic-eng auto-tunnel mesh MP  
show mpls traffic-eng auto-tunnel primary MP  
show mpls traffic-eng autoroute MP  
show mpls traffic-eng destination list MP  
show mpls traffic-eng exp MP  
show mpls traffic-eng fast-reroute database MP  
show mpls traffic-eng fast-reroute log reroutes MP  
show mpls traffic-eng forwarding path-set MP

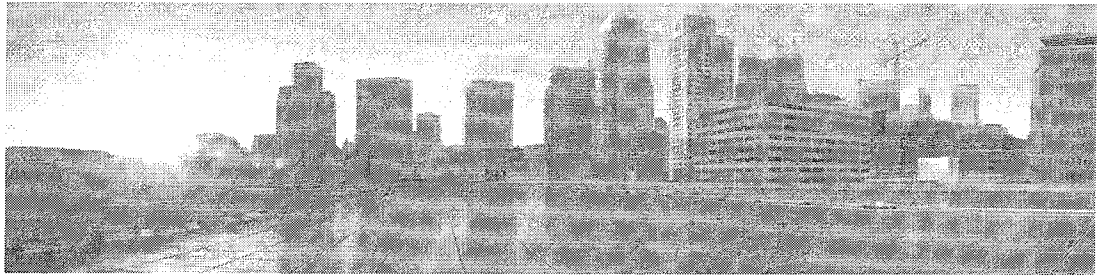
show mpls traffic-eng forwarding statistics MP  
show mpls traffic-eng forwarding-adjacency MP  
show mpls traffic-eng link-management admission-control MP  
show mpls traffic-eng link-management advertisements MP  
show mpls traffic-eng link-management bandwidth-allocation MP  
show mpls traffic-eng link-management igp-neighbors MP  
show mpls traffic-eng link-management interfaces MP  
show mpls traffic-eng link-management summary MP  
show mpls traffic-eng lsp attributes MP  
show mpls traffic-eng nsr MP  
show mpls traffic-eng process-restart iprouting MP  
show mpls traffic-eng topology MP  
show mpls traffic-eng topology path MP  
show mpls traffic-eng tunnels MP  
show mpls traffic-eng tunnels statistics MP  
show mpls traffic-eng tunnels summary MP  
show mpls ttfib MP  
show mpoa client ATM  
show mpoa client cache ATM  
show mpoa client statistics ATM  
show mpoa default-atm-addresses ATM  
show mpoa server ATM  
show mpoa server cache ATM  
show mpoa server statistics ATM  
show mrp client session active VR  
show mrp client session active through show sip dhcp VR  
show mrp client session history VR  
show mrp client statistics hostname VR  
show msfc CF, IR  
show mtm table MTR  
show mux IMO  
show mux cache IMO  
show mux interface IMO  
show mux profile IMO  
show mvr LSW  
show mvr groups LSW

show eap registrations through show mvr source ports

show eap registrations through show mvr source ports

show mvr interface LSW  
show mvr members LSW  
show mvr receiver ports LSW  
show mvr source ports LSW

show eap registrations through show mvr source ports



## show mvrp interface through snmp-server enable traps ospf rate-limit

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## Finding IOS Command Information

**First Published:** February 2008

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This document contains a list of the commands supported in many different software releases and on many different platforms. Some of the commands may not be supported in your Cisco IOS software release. To search for a command, use the alphabet key at the top part of this document and then scroll down until you find the command of interest, or use the Find function in your web browser. To access the documentation for a particular command, click the link to the command reference designator to the right of the command name. This list is intended to be used online only.

Alternatively, you may search for commands using the Command Lookup Tool (<https://tools.cisco.com/Support/CLILookup>), where you will be prompted to provide your Cisco.com username and password.

**Table 14: Command Reference Designators**

ANCP	Cisco IOS Access Node Control Protocol Command Reference
ATK	Cisco IOS AppleTalk Command Reference
AN	Cisco IOS Autonomic Networking Command Reference
ATM	Cisco IOS Asynchronous Transfer Mode Command Reference
BBA	Cisco IOS Broadband Access Aggregation and DSL Command Reference
BGP	Cisco IOS IP Routing: BGP Command Reference
BR	Cisco IOS Bridging Command Reference
CE	Cisco IOS Carrier Ethernet Command Reference

CF	Cisco IOS Configuration Fundamentals Command Reference
CSA	Cisco IOS Software Activation Command Reference
DB	Cisco IOS Debug Command Reference
DEC	Cisco IOS DECnet Command Reference
DIA	Cisco IOS Dial Technologies Command Reference
EIGRP	Cisco IOS IP Routing: EIGRP Command Reference
EM	Cisco IOS Embedded Menu Manager Command Reference
FHP	Cisco IOS First Hop Redundancy Protocols Command Reference
FNF	Cisco IOS Flexible NetFlow Command Reference
HA	Cisco IOS High Availability Command Reference
IAD	Cisco IOS IP Addressing Services Command Reference
IAP	Cisco IOS IP Application Services Command Reference
IBM	Cisco IOS IBM Networking Command Reference
IMC	Cisco IOS IP Multicast Command Reference
IMO	Cisco IOS IP Mobility Command Reference
IPv6	Cisco IOS IPv6 Command Reference
IPX	Cisco IOS Novell IPX Command Reference
IR	Cisco IOS Interface and Hardware Component Command Reference
IRI	Cisco IOS IP Routing: Protocol-Independent Command Reference
IRS	Cisco IOS IP Routing: ISIS Command Reference
ISG	Cisco IOS Intelligent Services Gateway Command Reference
ISO	Cisco IOS ISO CLNS Command Reference
ISW	Cisco IOS IP Switching Command Reference
LISP	Cisco IOS IP Routing: LISP Command Reference
LSW	Cisco IOS LAN Switching Command Reference
MM	Cisco IOS Media Monitoring Command Reference
MP	Cisco IOS Multiprotocol Label Switching Command Reference
MSP	Cisco IOS Media Services Proxy Command Reference
MTR	Cisco IOS Multi-Topology Routing Command Reference
MWG	Cisco IOS Mobile Wireless Gateway GPRS Support Node Command Reference
MWH	Cisco IOS Mobile Wireless Home Agent Command Reference
MWP	Cisco IOS Mobile Wireless Radio Access Networking Command Reference

MWR	Cisco IOS Mobile Wireless Radio Access Networking Command Reference
NF	Cisco IOS NetFlow Command Reference
NM	Cisco IOS Network Management Command Reference
ODR	Cisco IOS IP Routing: ODR Command Reference
OER	Cisco IOS Optimized Edge Routing Command Reference
OSPF	Cisco IOS IP Routing: OSPF Command Reference
PFR	Cisco IOS Performance Routing Command Reference
QOS	Cisco IOS Quality of Service Solutions Command Reference
RIP	Cisco IOS IP Routing: RIP Command Reference
SAF	Cisco IOS Service Advertisement Framework Command Reference
SBCD	Cisco Unified Border Element (SP Edition) Command Reference: Distributed Model
SBCU	Cisco Unified Border Element (SP Edition) Command Reference: Unified Model
SEC	Cisco IOS Security Command Reference
SLA	Cisco IOS IP SLAs Command Reference
SLB	Cisco IOS Server Load Balancing Command Reference
SM	Cisco IOS Software Modularity Command Reference
SSG	Cisco IOS Service Selection Gateway Command Reference
TSV	Cisco IOS Terminal Services Command Reference
VPD	Cisco IOS VPDN Command Reference
VR	Cisco IOS Voice Command Reference
VS	Cisco IOS Virtual Switch Command Reference
WAN	Cisco IOS Wide-Area Networking Command Reference
WL	Cisco IOS Wireless LAN Command Reference



## show mvrp interface through snmp-server enable traps ospf rate-limit

### S

show mvrp interface LSW  
show mvrp module LSW  
show mvrp summary LSW  
show mwi relay clients VR  
show nat64 IAD  
show nat64 adjacency IAD  
show nat64 aliases IAD  
show nat64 ha status IAD  
show nat64 limits IAD  
show nat64 map-t IAD  
show nat64 mappings dynamic IAD  
show nat64 pools IAD  
show nat64 prefix stateless IAD  
show nat64 prefix stateful IAD  
show nat64 prefix stateless IAD  
show nat64 routes IAD  
show nat64 services IAD  
show nat64 statistics IAD  
show nat64 timeouts IAD  
show nat64 translations IAD  
show nat64 translations entry-type IAD  
show nat64 translations redundancy IAD  
show nat64 translations time IAD  
show nat64 translations total IAD  
show nat64 translations v4 IAD  
show nat64 translations v6 IAD  
show nat64 translations verbose IAD  
show nbf cache DIA  
show nbf sessions DIA  
show ncia circuits IBM  
show ncia client IBM

show ncia server IBM  
show netbios-cache BR, IBM  
show netconf CNS  
show network-clocks ATM, IR  
show nextport VR  
show nextport vpd VR  
show nhrp debug-condition IAD  
show nhrp group-map IAD  
show nls CBL  
show nls ag-id CBL  
show nls flow CBL  
show nmsp CE  
show node TSV  
show ntp associations BSM, IPV6  
show ntp info BSM  
show ntp packets BSM  
show ntp status BSM, IPV6  
show num-exp VR  
show object-group SEC  
show odm-format XMLPI  
show oer api client OER  
show oer api provider OER  
show oer border OER  
show oer border active-probes OER  
show oer border defined application OER  
show oer border passive applications OER  
show oer border passive cache OER  
show oer border passive learn OER  
show oer border passive prefixes OER  
show oer border routes OER  
show oer master OER  
show oer master active-probes OER  
show oer master appl OER  
show oer master border OER  
show oer master cost-minimization OER  
show oer master defined application OER

show mvrp interface through snmp-server enable traps ospf rate-limit

show oer master learn list OER  
show oer master link-group OER  
show oer master nbar application OER  
show oer master policy OER  
show oer master prefix OER  
show oer master traffic-class OER  
show oer master traffic-class application nbar OER  
show oer proxy OER  
show ospfv3 border-routers IPV6  
show ospfv3 database IPV6  
show ospfv3 events IPV6  
show ospfv3 flood-list IPV6  
show ospfv3 graceful-restart IPV6  
show ospfv3 interface IPV6  
show ospfv3 max-metric IPV6  
show ospfv3 neighbor IPV6  
show ospfv3 request-list IPV6  
show ospfv3 retransmission-list IPV6  
show ospfv3 sham-links OSPF  
show ospfv3 statistic IPV6  
show ospfv3 summary-prefix IPV6  
show ospfv3 timers rate-limit IPV6  
show ospfv3 traffic IPV6  
show ospfv3 virtual-links IPV6  
show otv WAN  
show otv adjacency WAN  
show otv adjacency-server replication-list WAN  
show otv arp-nd-cache WAN  
show otv data-group WAN  
show otv isis database WAN  
show otv isis hostname WAN  
show otv isis lsp-log WAN  
show otv isis neighbors WAN  
show otv isis nsf WAN  
show otv isis protocol WAN  
show otv isis rib WAN

show otv isis spf-log WAN  
show otv isis vlan-database WAN  
show otv log WAN  
show otv mroute WAN  
show otv route WAN  
show otv site WAN  
show otv statistics WAN  
show otv summary WAN  
show otv vlan WAN  
show packetcable cms CBL  
show packetcable event CBL  
show packetcable gate CBL  
show packetcable gate counter commit CBL  
show packetcable gate ipv6 CBL  
show packetcable gate multimedia CBL  
show packetcable global CBL  
show pagp CF, IR  
show parameter-map type inspect SEC  
show parameter-map type consent SEC  
show parameter-map type consent through show users SEC  
show parameter-map type inspect SEC  
show parameter-map type inspect-global SEC  
show parameter-map type inspect-vrf SEC  
show parameter-map type inspect-zone SEC  
show parameter-map type ooo global SEC  
show parameter-map type protocol-info SEC  
show parameter-map type regex SEC  
show parameter-map type trend-global SEC  
show parameter-map type urlf-glob SEC  
show parameter-map type urlfilter SEC  
show parameter-map type urlfpolicy SEC  
show parameter-map type waas WAN  
show parser dump CF  
show parser macro CF  
show parser statistics CF  
show parser view SEC

show pas caim IR  
show pas eswitch address IR  
show pas i82543 interface IR  
show pas isa controller IR  
show pas isa interface IR  
show pas vam controller IR  
show pas vam interface IR  
show pas y88e8k interface IR  
show pci CF  
show pci aim IR  
show pci hardware CF  
show perf-meas CF  
show performance monitor aggregated MM  
show performance monitor cache MM  
show performance monitor clients MM  
show performance monitor clock rate MM  
show performance monitor history MM  
show performance monitor status MM  
show pfr api provider PFR  
show pfr border PFR  
show pfr border active-probes PFR  
show pfr border defined application PFR  
show pfr border passive applications PFR  
show pfr border passive cache learned PFR  
show pfr border passive learn PFR  
show pfr border passive prefixes PFR  
show pfr border routes PFR  
show pfr border rsvp PFR  
show pfr master PFR  
show pfr master active-probes PFR  
show pfr master appl PFR  
show pfr master bandwidth-resolution PFR  
show pfr master border PFR  
show pfr master cost-minimization PFR  
show pfr master defined application PFR  
show pfr master exits PFR

show pfr master export statistics PFR  
show pfr master learn list PFR  
show pfr master link-group PFR  
show pfr master nbar application PFR  
show pfr master policy PFR  
show pfr master prefix PFR  
show pfr master statistics PFR  
show pfr master target-discovery PFR  
show pfr master traffic-class PFR  
show pfr master traffic-class application nbar PFR  
show pfr master traffic-class performance PFR  
show pfr proxy PFR  
show piafs status VR  
show plat hardware qfp active feature ess state pppoe DIA  
show platform CF, IR  
show platform hardware qfp active feature ipsec SEC  
show platform hardware qfp feature alg statistics sip IAD, SEC  
show platform hardware qfp feature firewall SEC  
show platform hardware qfp feature firewall datapath scb SEC  
show platform software firewall SEC  
show platform 6rd tunnel-endpt IPV6  
show platform acl software-switched IR  
show platform atom disp-tbl backup IR  
show platform atom disp-tbl local-vc-label IR  
show platform atom imp-tbl backup IR  
show platform atom imp-tbl remote-vc-label IR  
show platform atom tbl-summary IR  
show platform bridge CF  
show platform cfm CF  
show platform diag CF, IR  
show platform discover-devices IR  
show platform dwdm alarm history IR  
show platform flow FNF  
show platform hardware acl entry global-qos QOS  
show platform hardware acl entry interface MM  
show platform hardware capacity CF, IR

show platform hardware capacity rewrite-engine IR  
show platform hardware interface IR  
show platform hardware network-clocks IR  
show platform hardware pp active infrastructure pi npd rx policer QOS  
show platform hardware qfp feature alg SEC  
show platform hardware qfp act feature ipsec datapath memory SEC  
show platform hardware qfp active feature cef-mpls prefix ip IRI, IR  
show platform hardware qfp active feature cef-mpls prefix ipv6 IRI  
show platform hardware qfp active feature cef-mpls prefix mpls IRI, IR  
show platform hardware qfp active feature cef-mpls urpf IR  
show platform hardware qfp active feature multicast IR  
show platform hardware qfp active feature pbr PFR  
show platform hardware qfp active feature qos config global QOS  
show platform hardware qfp active feature sbc sfx SBCD  
show platform hardware qfp active feature wccp IAP  
show platform hardware qfp active interface if-name statistics IR  
show platform hardware qfp feature IAD, SEC  
show platform hardware qfp feature otv client interface WAN  
show platform hardware qfp feature td SEC  
show platform hardware qfp interface IR  
show platform hardware qfp statistics drop IR  
show platform hardware slot IR  
show platform hardware subslot IR  
show platform hardware subslot (4400) IR  
show platform hardware throughput level IR  
show platform hardware transceiver IR  
show platform isg CF  
show platform isg memory IR  
show platform isg session ISG  
show platform isg session-count ISG  
show platform lowq QOS  
show platform mgf IR  
show platform oam CF  
show platform process slot CF, IR  
show platform qos policy-map QOS  
show platform redundancy CF

```
show platform redundancy bias HA
show platform slot r0 pcie status IR
show platform software ccm MM
show platform software configuration access policy TSV
show platform software ethernet f0 efp MP
show platform software ethernet f1 efp MP
show platform software feature-manager performance-monitor MM
show platform software feature-manager team MM
show platform software filesystem CF
show platform software frame-relay WAN
show platform software infrastructure lsmapi WL
show platform software infrastructure punt statistics QOS
show platform software infrastructure punt-keepalive IR
show platform software interface summary IR
show platform software ipsec f0 encryption-processor registers SEC
show platform software ipsec fp active flow SEC
show platform software ipsec fp active spd-map SEC
show platform software ipsec policy statistics SEC
show platform software ipv6-multicast IPV6
show platform software l2fib fp WAN
show platform software l2fib rp WAN
show platform software memory CF, IR
show platform software mfr WAN
show platform software mount CF, IR
show platform software mpls MP
show platform software multicast ip bidir IMC
show platform software multicast ip capability IMC
show platform software multicast ip complete IMC
show platform software multicast ip connected IMC
show platform software multicast ip interface IMC
show platform software multicast ip partial IMC
show platform software multicast ip source IMC
show platform software multicast ip statistics IMC
show platform software multicast ip summary IMC
show platform software multicast ip vrf IMC
show platform software otn fp WAN
```



show mvrp interface through snmp-server enable traps ospf rate-limit

show platform software pbr PFR  
show platform software process list CF, IR  
show platform software process memory IR  
show platform software route-map PFR  
show platform software snapshot status CF  
show platform software status control-processor IR, LSW  
show platform software tech-support CF, IR  
show platform software trace message IAD  
show platform software urpf qfp active configuration SEC  
show platform software vnic-if interface-mapping IR  
show platform software vpn IPV6, MP  
show platform software wccp IAP  
show platform subscriber-group CF  
show platform supervisor CF  
show platform time-source IR  
show plim fpga IR  
show policy-firewall config SEC  
show policy-firewall mib SEC  
show policy-firewall session SEC  
show policy-firewall stats SEC  
show policy-firewall stats vrf SEC  
show policy-firewall stats vrf global SEC  
show policy-firewall stats zone SEC  
show policy-firewall summary-log SEC  
show policy-manager events QOS  
show policy-manager policy QOS  
show policy-map QOS  
show policy-map apn MWG  
show policy-map class QOS  
show policy-map control-plane QOS  
show policy-map interface MP, QOS, IR  
show policy-map interface brief QOS  
show policy-map interface service group QOS  
show policy-map interface service instance QOS  
show policy-map mgre QOS  
show policy-map multipoint QOS

show policy-map session QOS  
show policy-map target service-group QOS  
show policy-map type access-control QOS  
show policy-map type class-routing ipv4 unicast MTR  
show policy-map type control ISG  
show policy-map type inspect SEC  
show policy-map type inspect urlfilter SEC  
show policy-map type inspect zone-pair SEC  
show policy-map type inspect zone-pair urlfilter SEC  
show policy-map type mace WAN  
show policy-map type nat QOS  
show policy-map type performance-monitor MM  
show policy-map type port-filter QOS  
show policy-map type service ISG  
show policy-map type waas WAN  
show port config DIA  
show port digital log DIA  
show port flowcontrol LSW  
show port log DIA  
show port modem calltracker DIA  
show port modem log DIA  
show port modem test DIA  
show port operational-status DIA  
show port-security SEC  
show pots csm VR  
show pots status VR  
show pots volume VR  
show power CF, IR  
show power inline IR  
show ppp atm trace BBA  
show ppp bap DIA  
show ppp interface BBA  
show ppp mppe VPD  
show ppp multilink DIA  
show ppp mux MWR  
show ppp queues SEC

show ppp subscriber statistics BBA  
show pppatm redundancy BBA  
show pppatm session BBA  
show pppatm statistics BBA  
show pppatm summary BBA  
show pppoe debug conditions BBA  
show pppoe derived BBA  
show pppoe redundancy BBA  
show pppoe relay context all BBA  
show pppoe session SEC, BBA  
show pppoe statistics BBA  
show pppoe summary BBA  
show pppoe throttled mac BBA  
show presence global VR  
show presence subscription VR  
show private-hosts access-lists SEC  
show private-hosts configuration SEC  
show private-hosts interface configuration SEC  
show private-hosts mac-list SEC  
show privilege SEC  
show processes CF  
show processes cpu CF  
show processes cpu monitor ISG  
show processes detailed CF  
show processes interrupt mask buffer CF  
show processes interrupt mask detail CF  
show processes memory CF  
show profile device MSP  
show profile flow MSP  
show protocol phdf QOS  
show protocols CF  
show protocols through showmon CF  
show proxy h323 calls VR  
show proxy h323 detail-call VR  
show proxy h323 status VR  
show ptp clock dataset IR, CE

show ptp clock dataset parent IR, CE  
show ptp clock dataset time-properties IR, CE  
show ptp clock running IR, CE  
show ptp port dataset foreign-master IR, CE  
show ptp port dataset port IR, CE  
show pw-udp vc MP  
show pxf accounting ISW  
show pxf accounting through test cef table consistency ISW  
show pxf cable CBL  
show pxf cable controller CBL  
show pxf cable feature CBL  
show pxf cable interface CBL  
show pxf cable multicast CBL  
show pxf cpu CBL  
show pxf cpu access-lists ISW, IR  
show pxf cpu atom ISW  
show pxf cpu bba ISW  
show pxf cpu buffers ISW  
show pxf cpu cef ISW  
show pxf cpu context ISW  
show pxf cpu dnl-trusted-sites CBL  
show pxf cpu feedback ISW  
show pxf cpu iedge ISW, IR, ISG  
show pxf cpu ipv6 ISW  
show pxf cpu isg ISG  
show pxf cpu mpls ISW  
show pxf cpu mroute ISW  
show pxf cpu pbr action ISW  
show pxf cpu police ISW  
show pxf cpu policy-data ISW  
show pxf cpu qos ISW, IR  
show pxf cpu queue ISW, CBL  
show pxf cpu queue wb-spa CBL  
show pxf cpu reasm\_index ISW  
show pxf cpu statistics ISW, BR, CBL  
show pxf cpu statistics dnl ipv4 CBL

show mvrp interface through snmp-server enable traps ospf rate-limit

show pxf cpu statistics drl ipv6 CBL  
show pxf cpu statistics drl us-cable CBL  
show pxf cpu subblock BR  
show pxf cpu subblocks ISW  
show pxf cpu tbridge BR  
show pxf cpu vcci ISW  
show pxf crash ISW  
show pxf dma ISW, IR, CBL  
show pxf feature cef ISW  
show pxf feature cef vrf ISW  
show pxf feature nat ISW  
show pxf interface ISW  
show pxf max-logical-interfaces IR  
show pxf microcode ISW, CBL  
show pxf netflow ISW  
show pxf stall-monitoring ISW  
show pxf statistics ISW  
show pxf xcm ISW, CBL  
show qbm client QOS  
show qbm pool QOS  
show qdm status QOS  
show qlhc IBM  
show qm-sp port-data IR  
show queue QOS  
show queueing QOS  
show queueing interface QOS  
show queueing virtual-access DIA  
show radius local-server statistics SEC, WL  
show radius server-group SEC  
show radius statistics SEC  
show radius table attributes SEC  
show radius-proxy client ISG  
show radius-proxy session ISG  
show random-detect-group QOS  
show raw VR  
show rawmsg VR

show rbscp IR  
show rcapi status DIA  
show record-storage-module stats MWG  
show record-storage-module target-info MWG  
show redirect group ISG  
show redirect translations ISG  
show redundancy IR, HA  
show redundancy (HSA redundancy) IR  
show redundancy (ubr10012) CBL  
show redundancy application asymmetric-routing SEC  
show redundancy application control-interface group IAD, SEC  
show redundancy application data-interface IAD, SEC  
show redundancy application faults group IAD, SEC  
show redundancy application group IAD, SEC  
show redundancy application if-mgr IAD, SEC  
show redundancy application protocol IAD, SEC  
show redundancy application transport IAD, SEC  
show redundancy config-sync CBL, HA  
show redundancy config-sync ignored failures mcl HA  
show redundancy interlink IR  
show redundancy linecard-group SEC  
show redundancy platform CBL  
show region CF  
show registry CF  
show reload CF  
show rep topology LSW  
show resource all ERM  
show resource database ERM  
show resource owner ERM  
show resource relationship ERM  
show resource user ERM  
show resource-pool call DIA  
show resource-pool customer DIA  
show resource-pool discriminator DIA  
show resource-pool queue CF  
show resource-pool resource DIA

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```
show resource-pool vpdn VPD, DIA
show rgf groups WAN
show rgf history WAN
show rgf statistics WAN
show rhosts CF
show rif BR, IBM
show rlm group statistics VR
show rlm group status VR
show rlm group timer VR
show rmon RMON
show rmon alarms RMON
show rmon capture RMON
show rmon events RMON
show rmon filter RMON
show rmon hc-alarms RMON
show rmon history RMON
show rmon hosts RMON
show rmon matrix RMON
show rmon statistics RMON
show rmon topn RMON
show rom-monitor CF
show rom-monitor slot CF
show route-map IRI, IPV6
show route-map ipc ISW
show route-tag list EIGRP, IRI
show router-guard IMC
show rpc IR
show rpms-proc counters VR
show rtpspi VR
show rtr application SLA
show rtr authentication SLA
show rtr collection-statistics SLA
show rtr configuration SLA
show rtr distributions-statistics SLA
show rtr enhanced-history collection-statistics SLA
show rtr enhanced-history distribution-statistics SLA
```

```
show rtr group schedule SLA
show rtr history SLA
show rtr mpls-lsp-monitor configuration SLA
show rtr mpls-lsp-monitor neighbors SLA
show rtr mpls-lsp-monitor scan-queue SLA
show rtr operational-state SLA
show rtr reaction-configuration SLA
show rtr reaction-trigger SLA
show rtr responder SLA
show rtr totals-statistics SLA
show rtsp client session VR
show rudpv0 failures VR
show rudpv0 statistics VR
show rudpv1 VR
show running identity policy CF
show running identity profile CF
show running interface auto-template MP
show running-config SEC, CF
show running-config control-plane CF
show running-config interface cable CBL
show running-config map-class CF
show running-config partition CF
show running-config service-group QOS
show running-config vnet EVN
show running-config vrf IAD, MP, SEC
show sampler FNF
show sasl SEC
show sbc SBCD
show sbc dbf addresses SBCD
show sbc dbf addresses (session border controller) SBCD
show sbc dbf controllers SBCD
show sbc dbf controllers (session border controller) SBCD
show sbc dbf flow-stats SBCD
show sbc dbf flow-stats (session border controller) SBCD
show sbc dbf forwarder-stats SBCD
show sbc dbf forwarder-stats (session border controller) SBCD
```



```
show sbc dbe h248-profile SBCD
show sbc dbe history SBCD
show sbc dbe media-flow-stats SBCD
show sbc dbe media-flow-stats (session border controller) SBCD
show sbc dbe media-stats (session border controller) SBCD
show sbc dbe signaling-flow-stats SBCD
show sbc dbe signaling-flow-stats (session border controller) SBCD
show sbc h248 bac SBCD
show sbc rg SBCD
show sbc rsrmon SBCD
show sbc sbe aaa SBCD
show sbc sbe addresses SBCD
show sbc sbe adjacencies SBCD
show sbc sbe adjacencies authentication-realms SBCD
show sbc sbe admin-domain SBCD
show sbc sbe all-authentication-realms SBCD
show sbc sbe all-peers SBCD
show sbc sbe billing SBCD
show sbc sbe blacklist SBCD
show sbc sbe blacklist configured-limits SBCD
show sbc sbe blacklist critical SBCD
show sbc sbe blacklist critical configured-limits SBCD
show sbc sbe blacklist critical current-blacklisting SBCD
show sbc sbe blacklist current-blacklisting SBCD
show sbc sbe cac-policy-set SBCD
show sbc sbe call branches SBCD
show sbc sbe call-policy-set SBCD
show sbc sbe call-policy-set (enum) SBCD
show sbc sbe call-policy-set default SBCD
show sbc sbe call-policy-set table entries SBCD
show sbc sbe call-policy-set table entry SBCD
show sbc sbe call-policy-set tables SBCD
show sbc sbe call-policy-sets SBCD
show sbc sbe call-rate-stats SBCD
show sbc sbe call-stats SBCD
show sbc sbe calls SBCD
```

show sbc sbe codec-list SBCD  
show sbc sbe codecs SBCD  
show sbc sbe diameter SBCD  
show sbc sbe diameter peers SBCD  
show sbc sbe diameter stats SBCD  
show sbc sbe editors SBCD  
show sbc sbe enum SBCD  
show sbc sbe enum entry SBCD  
show sbc sbe h323 timers SBCD  
show sbc sbe hold-media-timeout SBCD  
show sbc sbe hunting-trigger SBCD  
show sbc sbe media-gateway-associations SBCD  
show sbc sbe media-gateway-policy SBCD  
show sbc sbe media-gateways SBCD  
show sbc sbe media-policy SBCD  
show sbc sbe policy-failure-stats SBCD  
show sbc sbe policy-failure-stats dst-account SBCD  
show sbc sbe policy-failure-stats dst-adjacency SBCD  
show sbc sbe policy-failure-stats src-account SBCD  
show sbc sbe policy-failure-stats src-adjacency SBCD  
show sbc sbe qos-profiles SBCD  
show sbc sbe radius-client-accounting accounting SBCD  
show sbc sbe radius-client-accounting authentication SBCD  
show sbc sbe radius-client-stats SBCD  
show sbc sbe radius-server-stats SBCD  
show sbc sbe redirect-limit SBCD  
show sbc sbe resource-priority-sets SBCD  
show sbc sbe script-set SBCD  
show sbc sbe sdp-h245-mapping SBCD  
show sbc sbe sdp-match-table SBCD  
show sbc sbe sdp-policy-table SBCD  
show sbc sbe sip body-editor SBCD  
show sbc sbe sip body-profile SBCD  
show sbc sbe sip delegate-profiles SBCD  
show sbc sbe sip error-profile SBCD  
show sbc sbe sip essential-headers SBCD

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show sbc sbe sip essential-methods SB CD  
show sbc sbe sip essential-options SB CD  
show sbc sbe sip fast-register-stats SB CD  
show sbc sbe sip header-editor SB CD  
show sbc sbe sip header-profile SB CD  
show sbc sbe sip header-profiles SB CD  
show sbc sbe sip ip-fqdn-mapping SB CD  
show sbc sbe sip method-editor SB CD  
show sbc sbe sip method-profile SB CD  
show sbc sbe sip method-profiles SB CD  
show sbc sbe sip method-stats SB CD  
show sbc sbe sip option-editor SB CD  
show sbc sbe sip option-profile SB CD  
show sbc sbe sip option-profiles SB CD  
show sbc sbe sip parameter-editor SB CD  
show sbc sbe sip sdp-match-table SB CD  
show sbc sbe sip sdp-media-profile SB CD  
show sbc sbe sip sdp-policy-table SB CD  
show sbc sbe sip statistics SB CD  
show sbc sbe sip subscribers SB CD  
show sbc sbe sip timers SB CD  
show sbc sbe stream-list SB CD  
show sbc sbe subscriber-stats SB CD  
show sbc sbe transcoding-stats SB CD  
show sbc services SB CD  
show sccp IPV6, VR  
show sccp ccm group VR  
show sccp connections details VR  
show sccp connections internal VR  
show sccp connections rsvp VR  
show sccp connections summary VR  
show sccp server statistics VR  
show scp CF, IR  
show sctp association IAP  
show sctp association list IAP  
show sctp association parameters IAP

show sctp association statistics IAP  
show sctp errors IAP  
show sctp instance IAP  
show sctp instances IAP  
show sctp statistics IAP  
show sdlc local-ack IBM  
show sdspfarm VR  
show secure bootset SEC  
show service TSV  
show service-group QOS  
show service-group interface QOS  
show service-group state QOS  
show service-group stats QOS  
show service-group traffic-stats QOS  
show service-module serial IR  
show service-module serial through standby port IR  
show service-routing capabilities-manager SAF  
show service-routing capabilities-manager internal SAF  
show service-routing plugins capman SAF  
show service-routing xmcp clients SAF  
show service-routing xmcp server SAF  
show sessions DIA  
show settlement VR  
show sgbp DIA  
show sgbp queries DIA  
show sgcp connection VR  
show sgcp endpoint VR  
show sgcp statistics VR  
show sgi ISG  
show shared-line VR  
show shell environment IOS\_SHL  
show shell functions IOS\_SHL  
show sip dhcp VR  
show sip service VR  
show sip service through show trunk hdlc VR  
show sip-disk IR

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show sip-ua calls IPV6, VR  
show sip-ua connections IPV6, VR  
show sip-ua map VR  
show sip-ua min-se VR  
show sip-ua mwi VR  
show sip-ua register status VR  
show sip-ua retry VR  
show sip-ua service VR  
show sip-ua statistics VR  
show sip-ua status IPV6, VR  
show sip-ua status refer-ood VR  
show sip-ua timers VR  
show slot CF  
show slot0: CF, IR  
show slot1: CF  
show smds addresses WAN  
show smds addresses through waas export WAN  
show smds map WAN  
show smds traffic WAN  
show smf IR  
show smm SEC  
show smrp forward ATK  
show smrp globals ATK  
show smrp group ATK  
show smrp mcache ATK  
show smrp neighbor ATK  
show smrp port ATK  
show smrp route ATK  
show smrp traffic ATK  
show sna IBM  
show snapshot DIA  
show snasw class-of-service IBM  
show snasw connection-network IBM  
show snasw directory IBM  
show snasw dlctrace IBM  
show snasw dlus IBM

show snasw ipstrace IBM  
show snasw link IBM  
show snasw lu IBM  
show snasw mode IBM  
show snasw node IBM  
show snasw pdlog IBM  
show snasw port IBM  
show snasw pu IBM  
show snasw rtp IBM  
show snasw session IBM  
show snasw statistics IBM  
show snasw summary-ipstrace IBM  
show snasw topology IBM  
show snmp SNMP  
show snmp chassis SNMP  
show snmp community SNMP  
show snmp contact SNMP  
show snmp context mapping MTR  
show snmp group SNMP  
show snmp host SNMP  
show snmp location SNMP  
show snmp mib SNMP  
show snmp mib bulkstat transfer SNMP  
show snmp mib context SNMP  
show snmp mib ifmib ifindex SNMP  
show snmp mib ifmib traps SNMP  
show snmp mib nhrp status SEC  
show snmp mib notification-log SNMP  
show snmp pending SNMP  
show snmp sessions SNMP  
show snmp stats oid SNMP  
show snmp sysobjectid SNMP  
show snmp user SNMP  
show snmp view SNMP  
show sntp BSM  
show sockets IAP

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show software package CF  
show software authenticity file CF  
show software authenticity keys CF  
show software authenticity running CF  
show software installer rollback-timer CF  
show source-bridge BR, IBM  
show span BR, IBM  
show spanning-tree BR, IBM, LSW  
show spanning-tree mst MP, LSW  
show spantree BR, LSW  
show spe DIA  
show spe digital DIA  
show spe digital active DIA  
show spe digital csr DIA  
show spe digital disconnect-reason DIA  
show spe digital summary DIA  
show spe log DIA  
show spe modem DIA  
show spe modem active DIA  
show spe modem csr DIA  
show spe modem disconnect-reason DIA  
show spe modem high speed DIA  
show spe modem high standard DIA  
show spe modem low speed DIA  
show spe modem low standard DIA  
show spe modem summary DIA  
show spe recovery DIA  
show spe version DIA  
show spe voice VR  
show srcp WAN  
show srp IR  
show ss7 mtp1 channel-id VR  
show ss7 mtp1 links VR  
show ss7 mtp2 ccb VR  
show ss7 mtp2 state VR  
show ss7 mtp2 stats VR

show ss7 mtp2 timer VR  
show ss7 mtp2 variant VR  
show ss7 sm session VR  
show ss7 sm set VR  
show ss7 sm stats VR  
show sscop ATM  
show sse summary IPX  
show ssg auto-domain exclude-profile SSG  
show ssg binding SSG  
show ssg connection SSG  
show ssg dial-out exclude-list SSG  
show ssg direction SSG  
show ssg host SSG  
show ssg interface SSG  
show ssg multidomain ppp exclude-list SSG  
show ssg next-hop SSG  
show ssg open-garden SSG  
show ssg pass-through-filter SSG  
show ssg pending-command SSG  
show ssg port-map ip SSG  
show ssg port-map status SSG  
show ssg prepaid default-quota SSG  
show ssg radius-proxy SSG  
show ssg service SSG  
show ssg summary SSG  
show ssg tcp-redirect group SSG  
show ssg user transparent SSG  
show ssg user transparent authorizing SSG  
show ssg user transparent passthrough SSG  
show ssg user transparent suspect SSG  
show ssg user transparent unidentified SSG  
show ssg vc-service-map SSG  
show ssh SEC  
show ssl-proxy module state SEC, LSW  
show ssm ISG  
show ssm group MP



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show sss circuits BBA  
show sss session BBA  
show stacks CF  
show standby FHP, IPV6  
show standby arp gratuitous FHP  
show standby capability FHP  
show standby delay FHP  
show standby internal FHP  
show standby neighbors FHP  
show standby redirect FHP  
show startup-config CF  
show stcapp buffer-history VR  
show stcapp device IPV6, VR  
show stcapp feature codes VR  
show stcapp statistics VR  
show storm-control IR  
show stun IBM  
show subscriber default-session ISG  
show subscriber policy dpm statistics ISG  
show subscriber policy peer ISG  
show subscriber policy ppm-shim-db QOS  
show subscriber service ISG  
show subscriber session ISG  
show subscriber statistics ISG  
show subscriber trace history ISG  
show subscriber trace statistics ISG  
show subscriber-policy BR, IBM  
show subscription VR  
show subscription local VR  
show subsys CF  
show subsys license CSA  
show sup-bootflash CF, IR  
show svc ATM  
show syscon sdp IR  
show sysctrl CF  
show system jumbomtu CF, IR

show table-map QOS  
show tacacs SEC  
show tarp ISO  
show tarp blacklisted-adjacencies ISO  
show tarp host ISO  
show tarp interface ISO  
show tarp ldb ISO  
show tarp map ISO  
show tarp static-adjacencies ISO  
show tarp tid-cache ISO  
show tarp traffic ISO  
show tbct VR  
show tcam counts IR  
show tcam interface IR  
show tcam-mgr subslot IR  
show tcp IAP  
show tcp brief IAP  
show tcp ha connections BGP, HA  
show tcp ha statistics HA  
show tcp intercept connections SEC  
show tcp intercept statistics SEC  
show tcp statistics IAP  
show tcp through start-forwarding agent IAP  
show tdm backplane IR  
show tdm connections IR  
show tdm data IR  
show tdm detail IR  
show tdm information IR  
show tdm mapping VR  
show tdm pool IR  
show tech-support IAP, CF, MWG, SEC, CBL  
show tech-support alg SEC  
show tech-support ipsec SEC  
show tech-support modem DIA  
show tech-support mpls MP  
show tech-support nbar platform QOS

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show tech-support rsvp QOS  
show tech-support spe DIA  
show tech-support subscriber ISG  
show template CF  
show terminal TSV  
show tgrep neighbors VR  
show tgrm DIA  
show through show fm summary CF  
show time-range BSM  
show time-range ipc IAP  
show tn3270 ascii-hexval TSV  
show tn3270 character-map TSV  
show top counters interface report IR  
show topology MTR  
show trace multilink IPV6  
show track IAP, IPV6  
show track resolution IAP  
show track route IAP  
show traffic-shape QOS  
show traffic-shape queue QOS  
show traffic-shape statistics QOS  
show translate TSV  
show translate ruleset TSV  
show translation-rule VR  
show transport-map TSV  
show trunk group VR, DIA  
show trunk hdlc VR  
show ttycap TSV  
show tunnel 6rd IPV6  
show tunnel 6rd destination IPV6  
show tunnel 6rd prefix IPV6  
show tunnel endpoints SEC  
show tunnel interface IR  
show tunnel keys-database tunnel IR  
show ucse imc download progress IR  
show ucse imc files IR

show ucse server boot IR  
show ucse server erase device status IR  
show ucse server raid level IR  
show uddi LSW  
show udp IAP  
show upgrade file IR  
show upgrade fpd file IR  
show upgrade fpd package default IR  
show upgrade fpd progress IR  
show upgrade fpd table IR  
show upgrade fpga progress IR  
show upgrade hw-programmable file IR  
show upgrade hw-programmable progress IR  
show upgrade package default IR  
show upgrade progress IR  
show upgrade table IR  
show usb controllers SEC, CF  
show usb device SEC, CF  
show usb driver SEC, CF  
show usb port SEC, CF  
show usb tree SEC, CF  
show usb-devices summary SEC  
show usbtokens SEC, CF  
show user-group SEC  
show users SEC, TSV  
show vasi pair SEC  
show vc-group WAN  
show vdev VR  
show vdev through show voice statistics memory-usage VR  
show version CF  
show vfc VR  
show vfc cap-list VR  
show vfc default-file VR  
show vfc directory VR  
show vfc version VR  
show vfi MP, WAN

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show video call summary VR  
show vlan LSW  
show vlan access-log config LSW  
show vlan access-log flow LSW  
show vlan access-log statistics LSW  
show vlan access-map LSW  
show vlan all-ports LSW  
show vlan counters LSW  
show vlan dot1q tag native LSW  
show vlan filter LSW  
show vlan free LSW  
show vlan free summary LSW  
show vlan free summary LSW  
show vlan group SEC  
show vlan group through switchport port-security violation SEC  
show vlan internal free summary LSW  
show vlan internal usage LSW  
show vlan mapping LSW  
show vlan port provisioning LSW  
show vlan private-vlan LSW  
show vlan remote-span LSW  
show vlan through spanning-tree vlan LSW  
show vlan virtual-port LSW  
show vlan-range LSW  
show vlan-switch LSW  
show vlans LSW  
show vlans dot1q LSW  
show vlans tokenring LSW  
show vmi neighbors IR, IMO  
show vnet EVN  
show vnet counters EVN  
show vnet tag EVN  
show voice accounting method VR  
show voice accounting response pending VR  
show voice busyout VR  
show voice cable-status VR

show voice call VR  
show voice call rate VR  
show voice cause-code VR  
show voice class called-number VR  
show voice class called-number-pool VR  
show voice class e164-pattern-map VR  
show voice class resource-group VR  
show voice class uri VR  
show voice connectivity summary VR  
show voice data VR  
show voice dnis-map VR  
show voice dsmp stream VR  
show voice dsp VR  
show voice dsp channel VR  
show voice dsp crash-dump VR  
show voice dsp summary VR  
show voice eddri prefix VR  
show voice enum-match-table VR  
show voice hpi capture VR  
show voice iec description VR  
show voice lmr VR  
show voice pcm capture VR  
show voice permanent-call VR  
show voice port CBL, VR  
show voice source-group VR  
show voice statistics csr interval accounting VR  
show voice statistics csr interval aggregation VR  
show voice statistics csr since-reset accounting VR  
show voice statistics csr since-reset aggregation-level VR  
show voice statistics csr since-reset all VR  
show voice statistics iec VR  
show voice statistics interval-tag VR  
show voice statistics memory-usage VR  
show voice trace VR  
show voice trace through shutdown (voice-port) VR  
show voice translation-profile VR

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show voice translation-rule VR  
show voice trunk-conditioning signaling VR  
show voice trunk-conditioning supervisory VR  
show voice vtsp VR  
show voip debug version VR  
show voip fpi call-rate VR  
show voip fpi calls VR  
show voip fpi stats VR  
show voip htsp VR  
show voip recmsp session VR  
show voip rtp connections IPV6, VR  
show voip rtp forking VR  
show voip trunk group VR  
show vpdn VPD  
show vpdn dead-cache VPD  
show vpdn domain VPD  
show vpdn group VPD  
show vpdn group-select VPD  
show vpdn group-select keys VPD  
show vpdn history failure VPD  
show vpdn multilink VPD  
show vpdn redirect VPD  
show vpdn redundancy VPD  
show vpdn session BBA, VPD, IPV6  
show vpdn tunnel VPD, IPV6  
show vrf MP, QOS, IPV6  
show vrf counters EVN  
show vrf list EVN  
show vrm active\_calls VR  
show vrm vdevices VR  
show vrrp FHP  
show vrrp interface FHP  
show vrrs FHP  
show vrrs clients FHP  
show vrrs group FHP  
show vrrs plugin database FHP

show vrrs summary FHP  
show vsp VR  
show vtemplate SEC, VPD, DIA  
show vtemplate redundancy VPD  
show vtp LSW  
show waas accelerator WAN  
show waas alarms WAN  
show waas auto-discovery WAN  
show waas cache http-express metadatabase WAN  
show waas connection WAN  
show waas statistics accelerator WAN  
show waas statistics aoim WAN  
show waas statistics application WAN  
show waas statistics auto-discovery WAN  
show waas statistics class WAN  
show waas statistics dre WAN  
show waas statistics errors WAN  
show waas statistics global WAN  
show waas statistics lz WAN  
show waas statistics pass-through WAN  
show waas statistics peer WAN  
show waas status WAN  
show waas token WAN  
show warm-reboot CF  
show wccp IAP  
show wccp global counters IAP  
show webvpn context SEC  
show webvpn gateway SEC  
show webvpn install SEC  
show webvpn license SEC  
show webvpn nbns SEC  
show webvpn policy SEC  
show webvpn session SEC  
show webvpn sessions SEC  
show webvpn statistics SEC  
show webvpn stats SEC



show mvrp interface through snmp-server enable traps ospf rate-limit

show wedged-interfaces IR  
show whoami CF  
show wiretap CF  
show wlccp wds SEC  
show wrr-queue QOS  
show wsapi VR  
show wsma agent WSMA  
show wsma id WSMA  
show wsma profile WSMA  
show x25 context WAN  
show x25 cug WAN  
show x25 hunt-group WAN  
show x25 interface WAN  
show x25 map WAN  
show x25 pad TSV  
show x25 profile WAN  
show x25 remote-red WAN  
show x25 route WAN  
show x25 services WAN  
show x25 vc WAN  
show x25 xot WAN  
show x28 hunt-group WAN  
show x29 access-lists WAN  
show xconnect MP, WAN  
show xcsp port VR  
show xcsp slot VR  
show xdr ISW  
show xsd-format XMLPI  
show xsm status SEC  
show xsm xrd-list SEC  
show xtagatm cos-bandwidth-allocation MP  
show xtagatm cross-connect MP  
show xtagatm vc MP  
show zone security SEC  
show zone-pair security SEC  
show\_spd CBL

showmon CF  
shut VR  
shutdown (Annex G neighbor) VR  
shutdown (Annex G) VR  
shutdown (CMCC) IBM  
shutdown (DSP Farm profile) VR  
shutdown (FR-ATM) WAN  
shutdown (IP multiplexing) IMO  
shutdown (MTR) MTR  
shutdown (OER) OER  
shutdown (PVC range) BBA  
shutdown (PVC-in-range) BBA  
shutdown (PfR) PFR  
shutdown (RLM) VR  
shutdown (TN3270) IBM  
shutdown (address-family) EIGRP  
shutdown (auto-config application) VR  
shutdown (bridge-domain) CE  
shutdown (certificate server) SEC  
shutdown (controller) IR  
shutdown (cs-server) SEC  
shutdown (dial-peer) VR  
shutdown (dwdm) IR  
shutdown (firewall) SEC  
shutdown (gatekeeper) VR  
shutdown (gateway) IPV6, VR  
shutdown (hub) IR  
shutdown (interface) IR  
shutdown (mediacard) VR  
shutdown (mpls) MP  
shutdown (port) DIA  
shutdown (router OSPF) OSPF  
shutdown (service-family) SAF  
shutdown (settlement) VR  
shutdown (spe) DIA  
shutdown (voice-port) VR